

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-34346

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Hawkeye

8. Lease Name and Well No.
Hawkeye Federal L-26-8-16

9. API Well No.
43-013-33263

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 26, T8S R16E

12. County or Parish
Duchesne

13. State
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NW/SE 1968' FSL 2013' FEL

At proposed prod. zone 2638' FSL 1323' FEL

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.7 miles southwest of Myton, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 2' f/lse, 1318' f/unit

16. No. of Acres in lease
480.00

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1334'

19. Proposed Depth
6635'

20. BLM/BIA Bond No. on file
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5498' GL

22. Approximate date work will start*
4th Quarter 2006

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

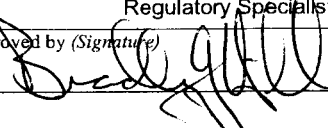
1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 
Title Regulatory Specialist

Name (Printed/Typed)
Mandie Crozier

Date
7/25/06

Approved by (Signature) 
Title

Name (Printed/Typed)
BRADLEY G. HILL
Office ENVIRONMENTAL MANAGER

Date
08-17-06

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

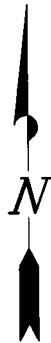
RECEIVED

AUG 09 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, HAWKEYE L-26-8-16,
LOCATED AS SHOWN IN THE NW 1/4 SE
1/4 OF SECTION 26, T8S, R16E, S.L.B.&M.
DUCESNE COUNTY, UTAH.



Note:

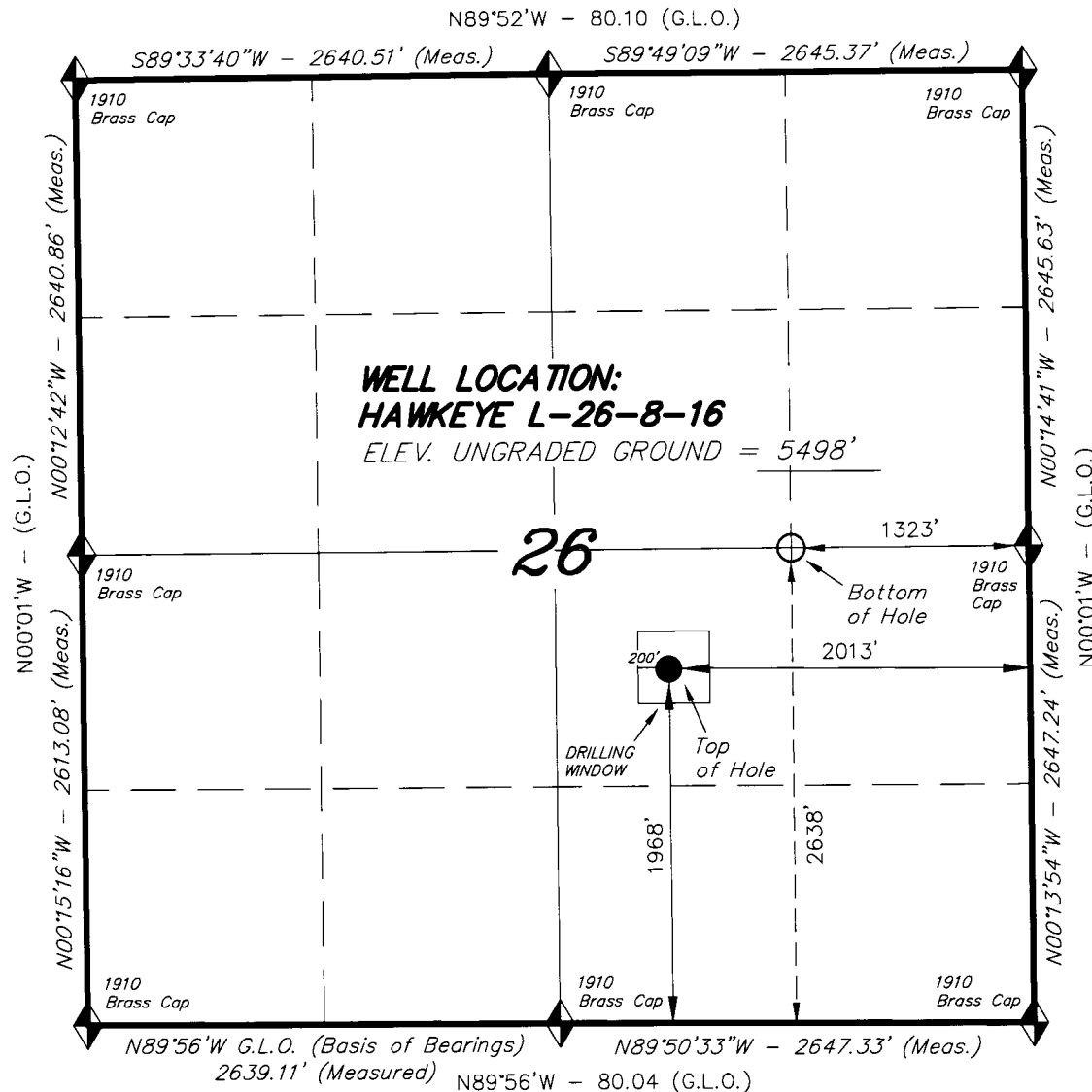
1. The bottom of hole bears N45°48'45"E 957.58' from the well head.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 10077
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 5-19-06	SURVEYED BY: C.M.
DATE DRAWN: 05-20-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

HAWKEYE L-26-8-16
(Surface Location) NAD 83
LATITUDE = 40° 05' 13.51"
LONGITUDE = 110° 05' 03.88"

**NEWFIELD PRODUCTION COMPANY
HAWKEYE FEDERAL #L-26-8-16
AT SURFACE: NW/SE SECTION 26, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Hawkeye Federal #L-26-8-16 located in the NW 1/4 SE 1/4 Section 26, T8S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 8.5 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.9 miles \pm to it's junction with an existing road to the southeast; proceed southeasterly - 0.5 miles \pm passing through the existing 8-26-8-16 location; continue easterly and then in a southwesterly direction - 1.2 miles \pm to the existing Mon. Butte Fed. NE 10-26-8-16 well loaction.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Mon. Butte Fed. NE 10-26-8-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Mon. Butte Fed. NE 10-26-8-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Hawkeye Federal L-26-8-16.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Hawkeye Federal L-26-8-16 will be drilled off of the existing Mon. Butte Fed. NE 10-26-8-16 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 15, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Hawkeye Unit, Duchesne County, Utah.

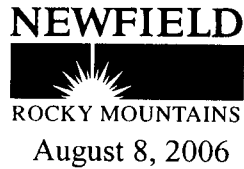
Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Hawkeye Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33260	Hawkeye Fed V-23-8-16	Sec 23 T08S R16E 0645 FSL 0676 FEL BHL Sec 23 T08S R16E 0000 FSL 1323 FEL
43-013-33261	Hawkeye Fed S-23-8-16	Sec 23 T08S R16E 1852 FSL 1836 FEL BHL Sec 23 T08S R16E 1321 FSL 1326 FEL
43-013-33263	Hawkeye Fed L-26-8-16	Sec 26 T08S R16E 1968 FSL 2013 FEL BHL Sec 26 T08S R16E 2638 FSL 1323 FEL
43-013-33264	Hawkeye Fed I-26-8-16	Sec 26 T08S R16E 1911 FNL 0668 FEL BHL Sec 26 T08S R16E 1324 FNL 1323 FEL
43-013-33275	Hawkeye Fed H-26-8-16	Sec 26 T08S R16E 0644 FNL 1995 FEL BHL Sec 26 T08S R16E 1325 FNL 2646 FEL

These wells are part of a 20 acre infill program in the Greater Monument Butte Field. Telephone conversation with Kelly Donohoue, Newfield, indicated that they will apply for exceptions to the locating and siting requirements of the State of Utah (R649-3-2) on a well by well basis. Newfield is currently scheduled to seek relief on a unit basis at the September meeting of the Board of Oil Gas and Mining.

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



Ms. Diana Whitney
State of Utah, Div. of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11
Hawkeye Unit UTU-76331X
Various Wells & Locations (See Attached)
Duchesne County, Utah

Dear Ms. Whitney:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 07/25/06 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the Hawkeye Unit UTU-76331X. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Hawkeye Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the Hawkeye Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

Newfield Production Company

Rhonda Deimer
Land Associate

Enclosures

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AUG 11 2006

DIV. OF OIL, GAS & MINING

**DIRECTIONAL DRILLING R649-3-11 WELL EXHIBIT
HAWKEYE UNIT UTU-76331X
DUCHESNE COUNTY, UTAH**

Hawkeye Federal S-23-8-16

BLM Lease #s U-34346 (surface & bottomhole)
1852' FSL, 1836' FEL (at surface)
1321' FSL, 1326' FEL (bottomhole)
Section 23-T8S-R16E

Hawkeye Federal V-23-8-16

BLM Lease #s U-34346 (surface & bottomhole)
645' FSL, 676' FEL (at surface)
0' FSL, 1323' FEL (bottomhole)
Section 23-T8S-R16E

Hawkeye Federal F-25-8-16

BLM Lease #s U-34346 (surface & bottomhole)
646' FNL, 646' FWL (at surface)
1323' FNL, 0' FWL (bottomhole)
Section 25-T8S-R16E

Hawkeye Federal I-26-8-16

BLM Lease #s U-73088 (surface & bottomhole)
1911' FNL, 668' FEL (at surface)
1324' FNL, 1323' FEL (bottomhole)
Section 26-T8S-R16E

Hawkeye Federal L-26-8-16

BLM Lease #s U-34346 (surface & bottomhole)
1968' FSL, 2013' FEL (at surface)
2638' FSL, 1323' FEL (bottomhole)
Section 26-T8S-R16E

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 1,350' of disturbed area in Lease UTU-34346 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

Mountain Plover: If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

Burrowing Owl: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and August 15. If new construction or surface disturbing activities are scheduled between April 1 and August 15, pre-construction surveys will be conducted to detect the presence of nesting burrowing owls within 0.5 mile of any new construction or surface disturbing activity (see Vernal BLM Field Office Protocol). No new construction or surface disturbing activities will be allowed between April 1 and August 15 within a 0.5 mile radius of any active burrowing owl nest.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Hawkeye Federal #L-26-8-16 was on-sited on 5/31/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Nate West (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

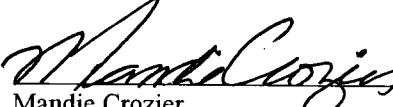
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-26-8-16 NW/SE Section 26, Township 8S, Range 16E: Lease UTU-34346 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/27/06

Date



Mandie Crozier

Regulatory Specialist

Newfield Production Company

NEWFIELD



August 8, 2006

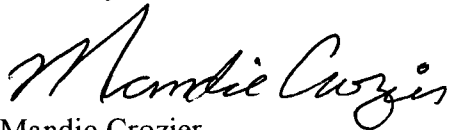
Bureau of Land Management
Attn: Chris Carusona
170 South 500 East
Vernal, Utah 84078-2799

RE: Amended 3160-3 Form for Application for Permit to Drill, Hawkeye Federal
#L-26-8-16.

Dear Chris:

Enclosed find the amended 3160-3 Form for Hawkeye Federal #L-26-8-16. I had the wrong lease number on the form. The correct lease number should be **UTU-34346**. I have also amended the 13 point plan with the correct lease number. Everything else in the APD will remain the same. If you have any questions, feel free to give either Shon McKinnon or myself a call.

Sincerely,



Mandie Crozier
Regulatory Specialist

cc: State of Utah DOGM

enclosures

RECEIVED

AUG 09 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

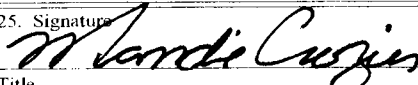
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTB 78086
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Hawkeye
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Hawkeye Federal L-26-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-3 3 263
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1968' FSL 2013' FEL At proposed prod. zone 2638' FSL 1323' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.7 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 26, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 8' f/lse, 1318' f/unit	16. No. of Acres in lease 1,040.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1425'	13. State UT
19. Proposed Depth 6635'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5498' GL	22. Approximate date work will start* 4th Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/25/06
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title Office		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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*(Instructions on reverse)

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4437814Y
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BHL 578333X
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RECEIVED
JUL 31 2006
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY
HAWKEYE FEDERAL #L-26-8-16
AT SURFACE: NW/SE SECTION 26, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 3255'
Green River	3255'
Wasatch	6635'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3255' – 6635' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
HAWKEYE FEDERAL #L-26-8-16
AT SURFACE: NW/SE SECTION 26, T8S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Hawkeye Federal #L-26-8-16 located in the NW 1/4 SE 1/4 Section 26, T8S, R16E, Duchesne County, Utah:

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2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Mon. Butte Fed. NE 10-26-8-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Mon. Butte Fed. NE 10-26-8-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Hawkeye Federal L-26-8-16.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed Hawkeye Federal L-26-8-16 will be drilled off of the existing Mon. Butte Fed. NE 10-26-8-16 well pad. No additional surface disturbance will be required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

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Reserve Pit Liner

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Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Hawkeye Federal #L-26-8-16 was on-sited on 5/31/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Nate West (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

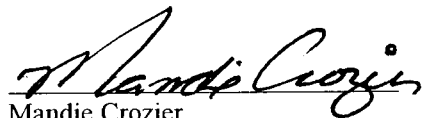
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-26-8-16 NW/SE Section 26, Township 8S, Range 16E: Lease UTU-73088 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7/27/06

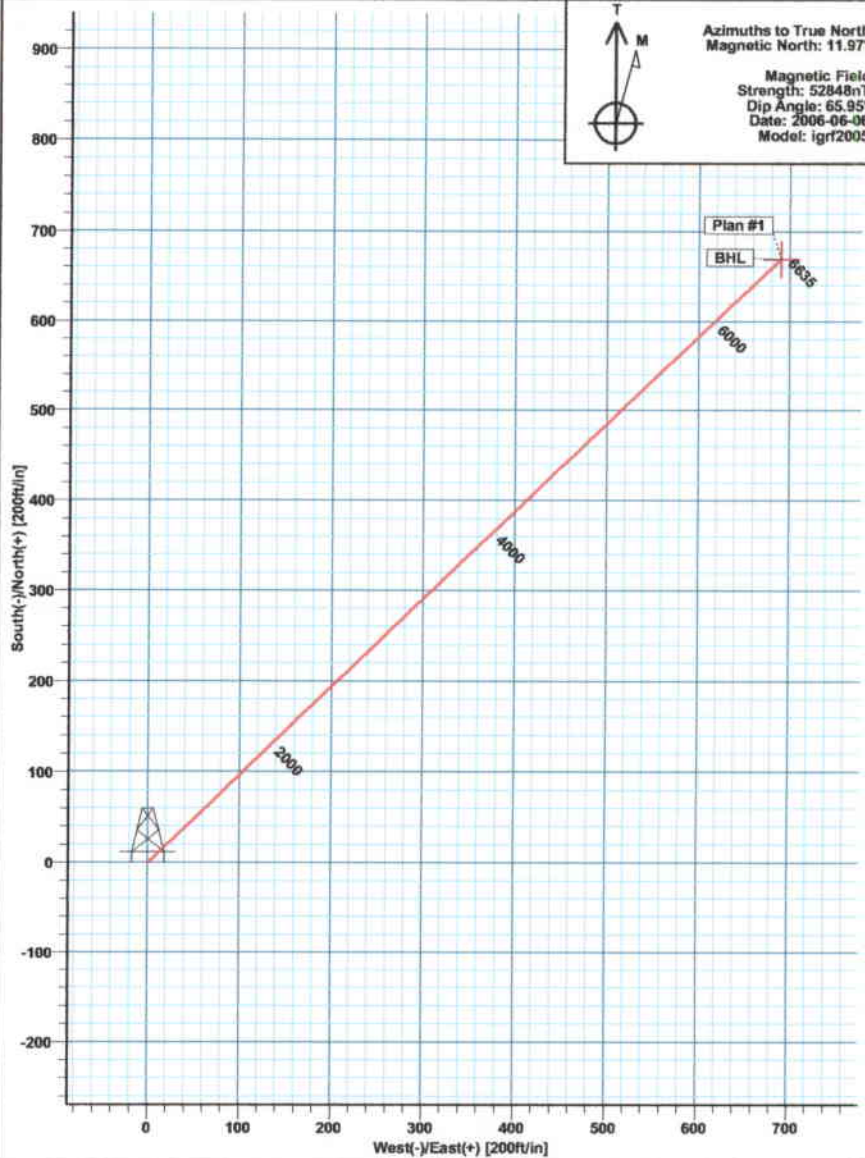
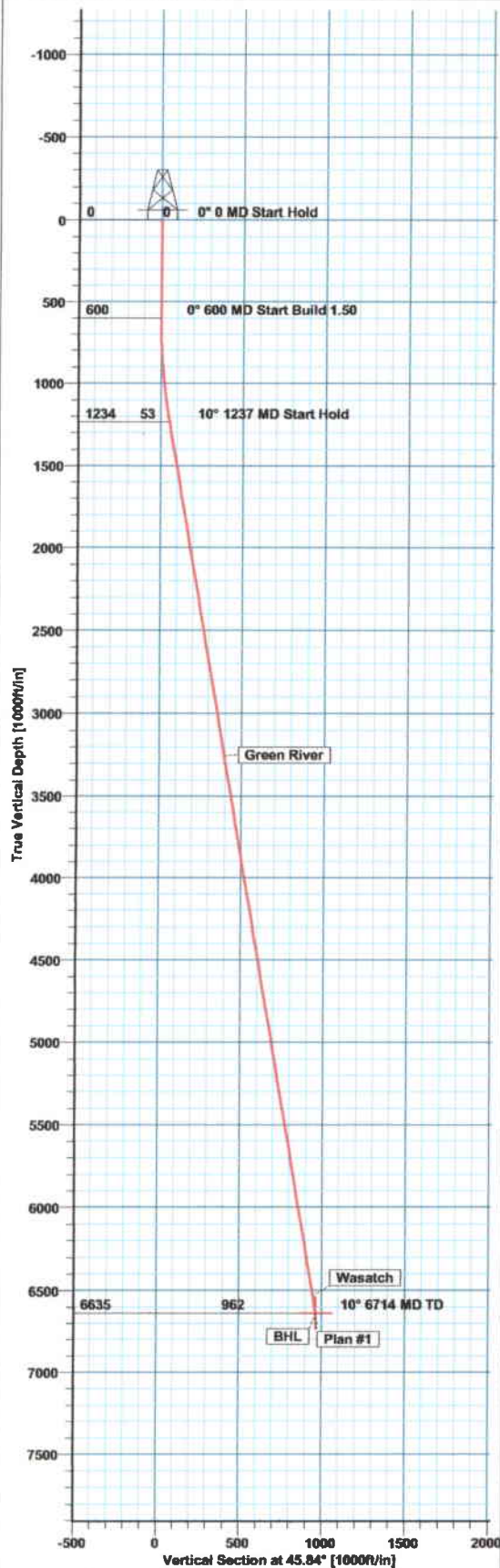
Date



Mandie Crozier

Regulatory Specialist

Newfield Production Company



Azimuths to True North
Magnetic North: 11.97°
Magnetic Field
Strength: 52848nT
Dip Angle: 65.95°
Date: 2006-06-06
Model: igr2005

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLag	TFace	VSec	Target
1	0.00	0.00	45.84	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	45.84	600.00	0.00	0.00	0.00	0.00	0.00	
3	1237.75	9.55	45.84	1237.81	38.89	37.99	1.50	45.84	52.95	
4	6713.87	9.55	45.84	6713.90	678.00	600.00	0.00	0.00	961.77	BHL

WELL DETAILS

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
H L-26-8-16	0.00	0.00	7203593.61	2036459.32	40°05'13.510N	110°05'03.880W	N/A

SITE DETAILS

Hawkeye L-26-8-16
Sec. 26 T8S R16E
Site Centre Latitude: 40°05'13.510N
Longitude: 110°05'03.880W
Ground Level: 5498.00
Positional Uncertainty: 0.00
Convergence: 0.91

Plan: Plan #1 (H L-26-8-16/OH)

Created By: Julie Seaman Date: 2006-06-06

FIELD DETAILS

Duchesne County, UT
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igr2005
System Datum: Mean Sea Level
Local North: True North

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: Hawkeye L-26-8-16
Well: H L-26-8-16
Wellpath: OH

Date: 2006-06-06 Time: 16:07:31 Page: 1
Co-ordinate(NE) Reference: Well: H L-26-8-16, True North
Vertical (TVD) Reference: GL 5498' & RK B12' 5510.0
Section (VS) Reference: Well (0.00N,0.00E,45.84Azi)
Plan: Plan #1

Field: Duchesne County, UT

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: Hawkeye L-26-8-16
Sec. 26 T8S R16E

Site Position: Northing: 7203593.61 ft Latitude: 40 5 13.510 N
From: Geographic Easting: 2036459.32 ft Longitude: 110 5 3.880 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5498.00 ft Grid Convergence: 0.91 deg

Well: H L-26-8-16

Slot Name:

SHL: 1968' FSL, 2013' FEL

Well Position: +N/-S 0.00 ft Northing: 7203593.61 ft Latitude: 40 5 13.510 N
+E/-W 0.00 ft Easting: 2036459.32 ft Longitude: 110 5 3.880 W
Position Uncertainty: 0.00 ft

Wellpath: OH

Current Datum: GL 5498' & RK B12'

Height 5510.00 ft

Drilled From: Surface

Tie-on Depth: 0.00 ft

Magnetic Data: 2006-06-06

Above System Datum: Mean Sea Level

Field Strength: 52848 nT

Declination: 11.97 deg

Vertical Section: Depth From (TVD)
ft

Mag Dip Angle: 65.95 deg

+N/-S
ft
+E/-W
ft
Direction
deg

6635.00

0.00

0.00

45.84

Plan: Plan #1

Date Composed: 2006-06-06

Version: 1

Principal: Yes

Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	45.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	45.84	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1236.75	9.55	45.84	1233.81	36.89	37.99	1.50	1.50	0.00	45.84	
6713.87	9.55	45.84	6635.00	670.00	690.00	0.00	0.00	0.00	0.00	BHL

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	45.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	45.84	100.00	0.00	0.00	0.00	0.00	0.00	0.00	45.84
200.00	0.00	45.84	200.00	0.00	0.00	0.00	0.00	0.00	0.00	45.84
300.00	0.00	45.84	300.00	0.00	0.00	0.00	0.00	0.00	0.00	45.84
400.00	0.00	45.84	400.00	0.00	0.00	0.00	0.00	0.00	0.00	45.84
500.00	0.00	45.84	500.00	0.00	0.00	0.00	0.00	0.00	0.00	45.84
600.00	0.00	45.84	600.00	0.00	0.00	0.00	0.00	0.00	0.00	45.84

Section 2 : Start Build 1.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
700.00	1.50	45.84	699.99	0.91	0.94	1.31	1.50	1.50	0.00	0.00
800.00	3.00	45.84	799.91	3.65	3.76	5.23	1.50	1.50	0.00	0.00
900.00	4.50	45.84	899.69	8.20	8.45	11.77	1.50	1.50	0.00	0.00
1000.00	6.00	45.84	999.27	14.58	15.01	20.92	1.50	1.50	0.00	0.00
1100.00	7.50	45.84	1098.57	22.76	23.44	32.68	1.50	1.50	0.00	0.00
1200.00	9.00	45.84	1197.54	32.76	33.74	47.03	1.50	1.50	0.00	0.00
1236.75	9.55	45.84	1233.81	36.89	37.99	52.95	1.50	1.50	0.00	0.00



Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: Hawkeye L-26-8-16
Well: H L-26-8-16
Wellpath: OH

Date: 2006-06-06 Time: 16:07:31
Co-ordinate(NE) Reference: Well: H L-26-8-16, True North
Vertical (TVD) Reference: GL 5498' & RK B12' 5510.0
Section (VS) Reference: Well (0.00N,0.00E,45.84Azi)
Plan: Plan #1

Page: 2

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.00	9.55	45.84	1296.18	44.20	45.52	63.45	0.00	0.00	0.00	0.00
1400.00	9.55	45.84	1394.79	55.76	57.42	80.04	0.00	0.00	0.00	0.00
1500.00	9.55	45.84	1493.41	67.32	69.33	96.63	0.00	0.00	0.00	0.00
1600.00	9.55	45.84	1592.02	78.88	81.23	113.22	0.00	0.00	0.00	0.00
1700.00	9.55	45.84	1690.63	90.44	93.13	129.82	0.00	0.00	0.00	0.00
1800.00	9.55	45.84	1789.25	101.99	105.04	146.41	0.00	0.00	0.00	0.00
1900.00	9.55	45.84	1887.86	113.55	116.94	163.00	0.00	0.00	0.00	0.00
2000.00	9.55	45.84	1986.47	125.11	128.85	179.60	0.00	0.00	0.00	0.00
2100.00	9.55	45.84	2085.09	136.67	140.75	196.19	0.00	0.00	0.00	0.00
2200.00	9.55	45.84	2183.70	148.23	152.66	212.78	0.00	0.00	0.00	0.00
2300.00	9.55	45.84	2282.32	159.79	164.56	229.38	0.00	0.00	0.00	0.00
2400.00	9.55	45.84	2380.93	171.35	176.46	245.97	0.00	0.00	0.00	0.00
2500.00	9.55	45.84	2479.54	182.91	188.37	262.56	0.00	0.00	0.00	0.00
2600.00	9.55	45.84	2578.16	194.47	200.27	279.15	0.00	0.00	0.00	0.00
2700.00	9.55	45.84	2676.77	206.03	212.18	295.75	0.00	0.00	0.00	0.00
2800.00	9.55	45.84	2775.38	217.59	224.08	312.34	0.00	0.00	0.00	0.00
2900.00	9.55	45.84	2874.00	229.15	235.99	328.93	0.00	0.00	0.00	0.00
3000.00	9.55	45.84	2972.61	240.71	247.89	345.53	0.00	0.00	0.00	0.00
3100.00	9.55	45.84	3071.23	252.26	259.79	362.12	0.00	0.00	0.00	0.00
3200.00	9.55	45.84	3169.84	263.82	271.70	378.71	0.00	0.00	0.00	0.00
3286.36	9.55	45.84	3255.00	273.81	281.98	393.04	0.00	0.00	0.00	0.00
3300.00	9.55	45.84	3268.45	275.38	283.60	395.31	0.00	0.00	0.00	0.00
3400.00	9.55	45.84	3367.07	286.94	295.51	411.90	0.00	0.00	0.00	0.00
3500.00	9.55	45.84	3465.68	298.50	307.41	428.49	0.00	0.00	0.00	0.00
3600.00	9.55	45.84	3564.29	310.06	319.32	445.08	0.00	0.00	0.00	0.00
3700.00	9.55	45.84	3662.91	321.62	331.22	461.68	0.00	0.00	0.00	0.00
3800.00	9.55	45.84	3761.52	333.18	343.12	478.27	0.00	0.00	0.00	0.00
3900.00	9.55	45.84	3860.14	344.74	355.03	494.86	0.00	0.00	0.00	0.00
4000.00	9.55	45.84	3958.75	356.30	366.93	511.46	0.00	0.00	0.00	0.00
4100.00	9.55	45.84	4057.36	367.86	378.84	528.05	0.00	0.00	0.00	0.00
4200.00	9.55	45.84	4155.98	379.42	390.74	544.64	0.00	0.00	0.00	0.00
4300.00	9.55	45.84	4254.59	390.98	402.65	561.24	0.00	0.00	0.00	0.00
4400.00	9.55	45.84	4353.20	402.53	414.55	577.83	0.00	0.00	0.00	0.00
4500.00	9.55	45.84	4451.82	414.09	426.45	594.42	0.00	0.00	0.00	0.00
4600.00	9.55	45.84	4550.43	425.65	438.36	611.01	0.00	0.00	0.00	0.00
4700.00	9.55	45.84	4649.05	437.21	450.26	627.61	0.00	0.00	0.00	0.00
4800.00	9.55	45.84	4747.66	448.77	462.17	644.20	0.00	0.00	0.00	0.00
4900.00	9.55	45.84	4846.27	460.33	474.07	660.79	0.00	0.00	0.00	0.00
5000.00	9.55	45.84	4944.89	471.89	485.98	677.39	0.00	0.00	0.00	0.00
5100.00	9.55	45.84	5043.50	483.45	497.88	693.98	0.00	0.00	0.00	0.00
5200.00	9.55	45.84	5142.11	495.01	509.78	710.57	0.00	0.00	0.00	0.00
5300.00	9.55	45.84	5240.73	506.57	521.69	727.17	0.00	0.00	0.00	0.00
5400.00	9.55	45.84	5339.34	518.13	533.59	743.76	0.00	0.00	0.00	0.00
5500.00	9.55	45.84	5437.96	529.69	545.50	760.35	0.00	0.00	0.00	0.00
5600.00	9.55	45.84	5536.57	541.25	557.40	776.94	0.00	0.00	0.00	0.00
5700.00	9.55	45.84	5635.18	552.80	569.31	793.54	0.00	0.00	0.00	0.00
5800.00	9.55	45.84	5733.80	564.36	581.21	810.13	0.00	0.00	0.00	0.00
5900.00	9.55	45.84	5832.41	575.92	593.11	826.72	0.00	0.00	0.00	0.00
6000.00	9.55	45.84	5931.02	587.48	605.02	843.32	0.00	0.00	0.00	0.00
6100.00	9.55	45.84	6029.64	599.04	616.92	859.91	0.00	0.00	0.00	0.00
6200.00	9.55	45.84	6128.25	610.60	628.83	876.50	0.00	0.00	0.00	0.00
6300.00	9.55	45.84	6226.87	622.16	640.73	893.10	0.00	0.00	0.00	0.00
6400.00	9.55	45.84	6325.48	633.72	652.64	909.69	0.00	0.00	0.00	0.00
6500.00	9.55	45.84	6424.09	645.28	664.54	926.28	0.00	0.00	0.00	0.00
6600.00	9.55	45.84	6522.71	656.84	676.44	942.87	0.00	0.00	0.00	0.00
6607.40	9.55	45.84	6530.00	657.69	677.32	944.10	0.00	0.00	0.00	0.00
6700.00	9.55	45.84	6621.32	668.40	688.35	959.47	0.00	0.00	0.00	0.00
6713.87	9.55	45.84	6635.00	670.00	690.00	961.77	0.00	0.00	0.00	0.00

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: Hawkeye L-26-8-16
Well: H L-26-8-16
Wellpath: OH

Date: 2006-06-06 **Time:** 16:07:31
Co-ordinate(NE) Reference: Well: H L-26-8-16, True North
Vertical (TVD) Reference: GL 5498' & RK B12' 5510.0
Section (VS) Reference: Well (0.00N,0.00E,45.84Azi)
Plan: Plan #1

Page: 3

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	45.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	45.84	100.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
200.00	0.00	45.84	200.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
300.00	0.00	45.84	300.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
400.00	0.00	45.84	400.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
500.00	0.00	45.84	500.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
600.00	0.00	45.84	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	1.50	45.84	699.99	0.91	0.94	1.31	1.50	1.50	0.00	MWD
800.00	3.00	45.84	799.91	3.65	3.76	5.23	1.50	1.50	0.00	MWD
900.00	4.50	45.84	899.69	8.20	8.45	11.77	1.50	1.50	0.00	MWD
1000.00	6.00	45.84	999.27	14.58	15.01	20.92	1.50	1.50	0.00	MWD
1100.00	7.50	45.84	1098.57	22.76	23.44	32.68	1.50	1.50	0.00	MWD
1200.00	9.00	45.84	1197.54	32.76	33.74	47.03	1.50	1.50	0.00	MWD
1236.75	9.55	45.84	1233.81	36.89	37.99	52.95	1.50	1.50	0.00	MWD
1300.00	9.55	45.84	1296.18	44.20	45.52	63.45	0.00	0.00	0.00	MWD
1400.00	9.55	45.84	1394.79	55.76	57.42	80.04	0.00	0.00	0.00	MWD
1500.00	9.55	45.84	1493.41	67.32	69.33	96.63	0.00	0.00	0.00	MWD
1600.00	9.55	45.84	1592.02	78.88	81.23	113.22	0.00	0.00	0.00	MWD
1700.00	9.55	45.84	1690.63	90.44	93.13	129.82	0.00	0.00	0.00	MWD
1800.00	9.55	45.84	1789.25	101.99	105.04	146.41	0.00	0.00	0.00	MWD
1900.00	9.55	45.84	1887.86	113.55	116.94	163.00	0.00	0.00	0.00	MWD
2000.00	9.55	45.84	1986.47	125.11	128.85	179.60	0.00	0.00	0.00	MWD
2100.00	9.55	45.84	2085.09	136.67	140.75	196.19	0.00	0.00	0.00	MWD
2200.00	9.55	45.84	2183.70	148.23	152.66	212.78	0.00	0.00	0.00	MWD
2300.00	9.55	45.84	2282.32	159.79	164.56	229.38	0.00	0.00	0.00	MWD
2400.00	9.55	45.84	2380.93	171.35	176.46	245.97	0.00	0.00	0.00	MWD
2500.00	9.55	45.84	2479.54	182.91	188.37	262.56	0.00	0.00	0.00	MWD
2600.00	9.55	45.84	2578.16	194.47	200.27	279.15	0.00	0.00	0.00	MWD
2700.00	9.55	45.84	2676.77	206.03	212.18	295.75	0.00	0.00	0.00	MWD
2800.00	9.55	45.84	2775.38	217.59	224.08	312.34	0.00	0.00	0.00	MWD
2900.00	9.55	45.84	2874.00	229.15	235.99	328.93	0.00	0.00	0.00	MWD
3000.00	9.55	45.84	2972.61	240.71	247.89	345.53	0.00	0.00	0.00	MWD
3100.00	9.55	45.84	3071.23	252.26	259.79	362.12	0.00	0.00	0.00	MWD
3200.00	9.55	45.84	3169.84	263.82	271.70	378.71	0.00	0.00	0.00	MWD
3286.36	9.55	45.84	3255.00	273.81	281.98	393.04	0.00	0.00	0.00	Green River
3300.00	9.55	45.84	3268.45	275.38	283.60	395.31	0.00	0.00	0.00	MWD
3400.00	9.55	45.84	3367.07	286.94	295.51	411.90	0.00	0.00	0.00	MWD
3500.00	9.55	45.84	3465.68	298.50	307.41	428.49	0.00	0.00	0.00	MWD
3600.00	9.55	45.84	3564.29	310.06	319.32	445.08	0.00	0.00	0.00	MWD
3700.00	9.55	45.84	3662.91	321.62	331.22	461.68	0.00	0.00	0.00	MWD
3800.00	9.55	45.84	3761.52	333.18	343.12	478.27	0.00	0.00	0.00	MWD
3900.00	9.55	45.84	3860.14	344.74	355.03	494.86	0.00	0.00	0.00	MWD
4000.00	9.55	45.84	3958.75	356.30	366.93	511.46	0.00	0.00	0.00	MWD
4100.00	9.55	45.84	4057.36	367.86	378.84	528.05	0.00	0.00	0.00	MWD
4200.00	9.55	45.84	4155.98	379.42	390.74	544.64	0.00	0.00	0.00	MWD
4300.00	9.55	45.84	4254.59	390.98	402.65	561.24	0.00	0.00	0.00	MWD
4400.00	9.55	45.84	4353.20	402.53	414.55	577.83	0.00	0.00	0.00	MWD
4500.00	9.55	45.84	4451.82	414.09	426.45	594.42	0.00	0.00	0.00	MWD
4600.00	9.55	45.84	4550.43	425.65	438.36	611.01	0.00	0.00	0.00	MWD
4700.00	9.55	45.84	4649.05	437.21	450.26	627.61	0.00	0.00	0.00	MWD
4800.00	9.55	45.84	4747.66	448.77	462.17	644.20	0.00	0.00	0.00	MWD
4900.00	9.55	45.84	4846.27	460.33	474.07	660.79	0.00	0.00	0.00	MWD
5000.00	9.55	45.84	4944.89	471.89	485.98	677.39	0.00	0.00	0.00	MWD
5100.00	9.55	45.84	5043.50	483.45	497.88	693.98	0.00	0.00	0.00	MWD

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: Hawkeye L-26-8-16
Well: H L-26-8-16
Wellpath: OH

Date: 2006-06-06 **Time:** 16:07:31 **Page:** 4
Co-ordinate(NE) Reference: Well: H L-26-8-16, True North
Vertical (TVD) Reference: GL 5498' & RK B12' 5510.0
Section (VS) Reference: Well (0.00N,0.00E,45.84Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5200.00	9.55	45.84	5142.11	495.01	509.78	710.57	0.00	0.00	0.00	MWD
5300.00	9.55	45.84	5240.73	506.57	521.69	727.17	0.00	0.00	0.00	MWD
5400.00	9.55	45.84	5339.34	518.13	533.59	743.76	0.00	0.00	0.00	MWD
5500.00	9.55	45.84	5437.96	529.69	545.50	760.35	0.00	0.00	0.00	MWD
5600.00	9.55	45.84	5536.57	541.25	557.40	776.94	0.00	0.00	0.00	MWD
5700.00	9.55	45.84	5635.18	552.80	569.31	793.54	0.00	0.00	0.00	MWD
5800.00	9.55	45.84	5733.80	564.36	581.21	810.13	0.00	0.00	0.00	MWD
5900.00	9.55	45.84	5832.41	575.92	593.11	826.72	0.00	0.00	0.00	MWD
6000.00	9.55	45.84	5931.02	587.48	605.02	843.32	0.00	0.00	0.00	MWD
6100.00	9.55	45.84	6029.64	599.04	616.92	859.91	0.00	0.00	0.00	MWD
6200.00	9.55	45.84	6128.25	610.60	628.83	876.50	0.00	0.00	0.00	MWD
6300.00	9.55	45.84	6226.87	622.16	640.73	893.10	0.00	0.00	0.00	MWD
6400.00	9.55	45.84	6325.48	633.72	652.64	909.69	0.00	0.00	0.00	MWD
6500.00	9.55	45.84	6424.09	645.28	664.54	926.28	0.00	0.00	0.00	MWD
6600.00	9.55	45.84	6522.71	656.84	676.44	942.87	0.00	0.00	0.00	MWD
6607.40	9.55	45.84	6530.00	657.69	677.32	944.10	0.00	0.00	0.00	Wasatch
6700.00	9.55	45.84	6621.32	668.40	688.35	959.47	0.00	0.00	0.00	MWD
6713.87	9.55	45.84	6635.00	670.00	690.00	961.77	0.00	0.00	0.00	BHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
BHL -Plan hit target		6635.00	670.00	690.00	7204274.44	2037138.63	40	5	20.132 N	110	4	55.001 W

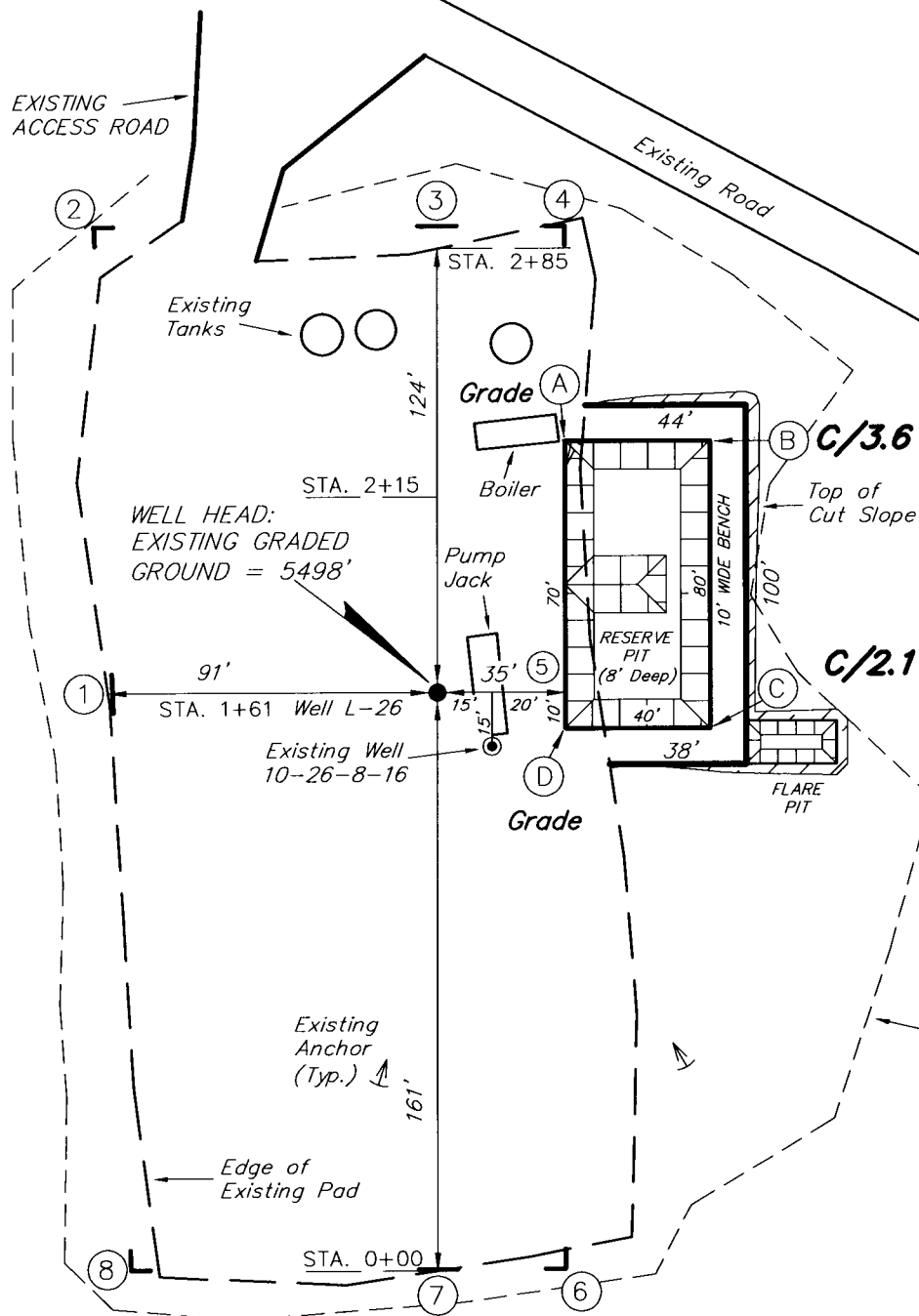
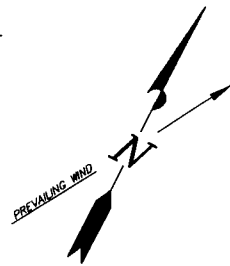
Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3286.36	3255.00	Green River		0.00	0.00
6607.40	6530.00	Wasatch		0.00	0.00

NEWFIELD PRODUCTION COMPANY

HAWKEYE 10-26-8-16 (L-26)

Section 26, T8S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-20-06

Tri State
Land Surveying, Inc.

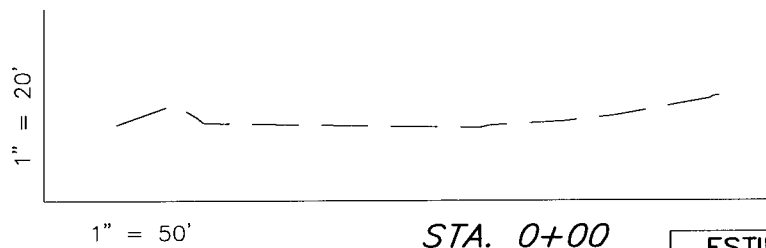
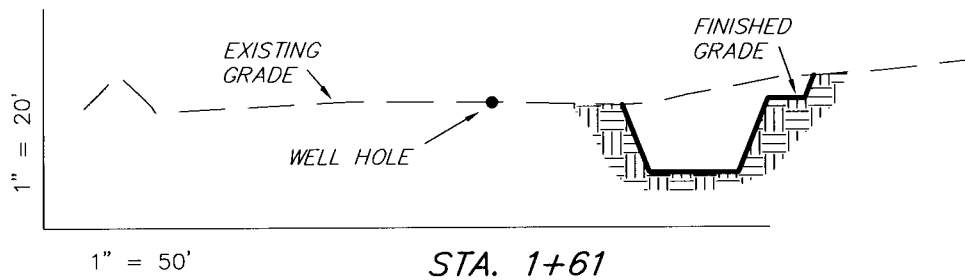
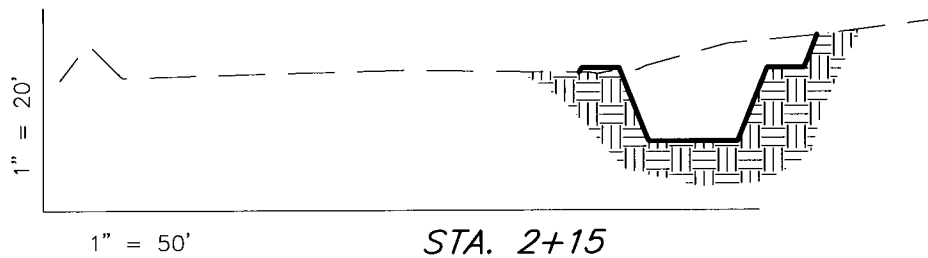
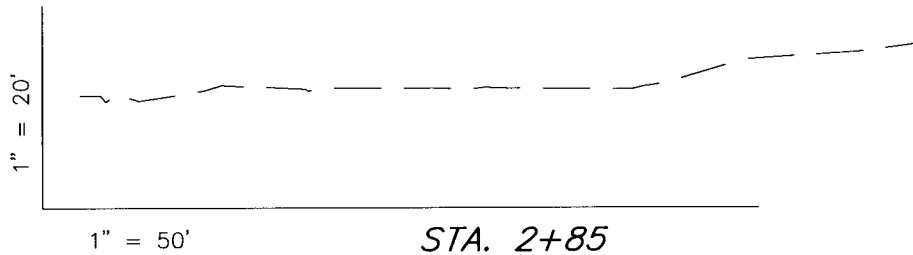
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

HAWKEYE 10-26-8-16 (L-26)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	320	20	Topsoil is not included in Pad Cut	300
PIT	640	0		640
TOTALS	960	20	N/A	940

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

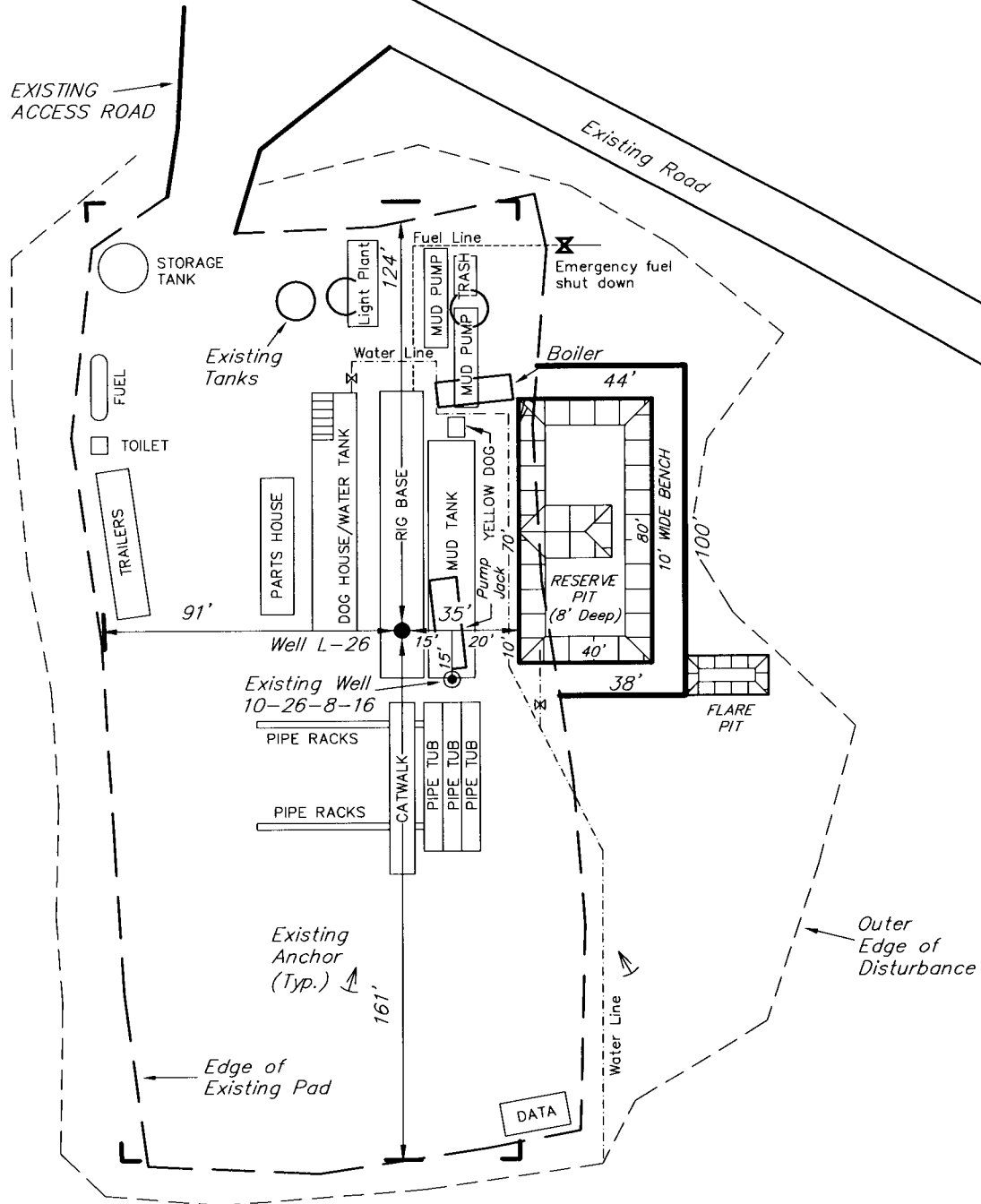
DATE: 05-20-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

HAWKEYE 10-26-8-16 (L-26)



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 05-20-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

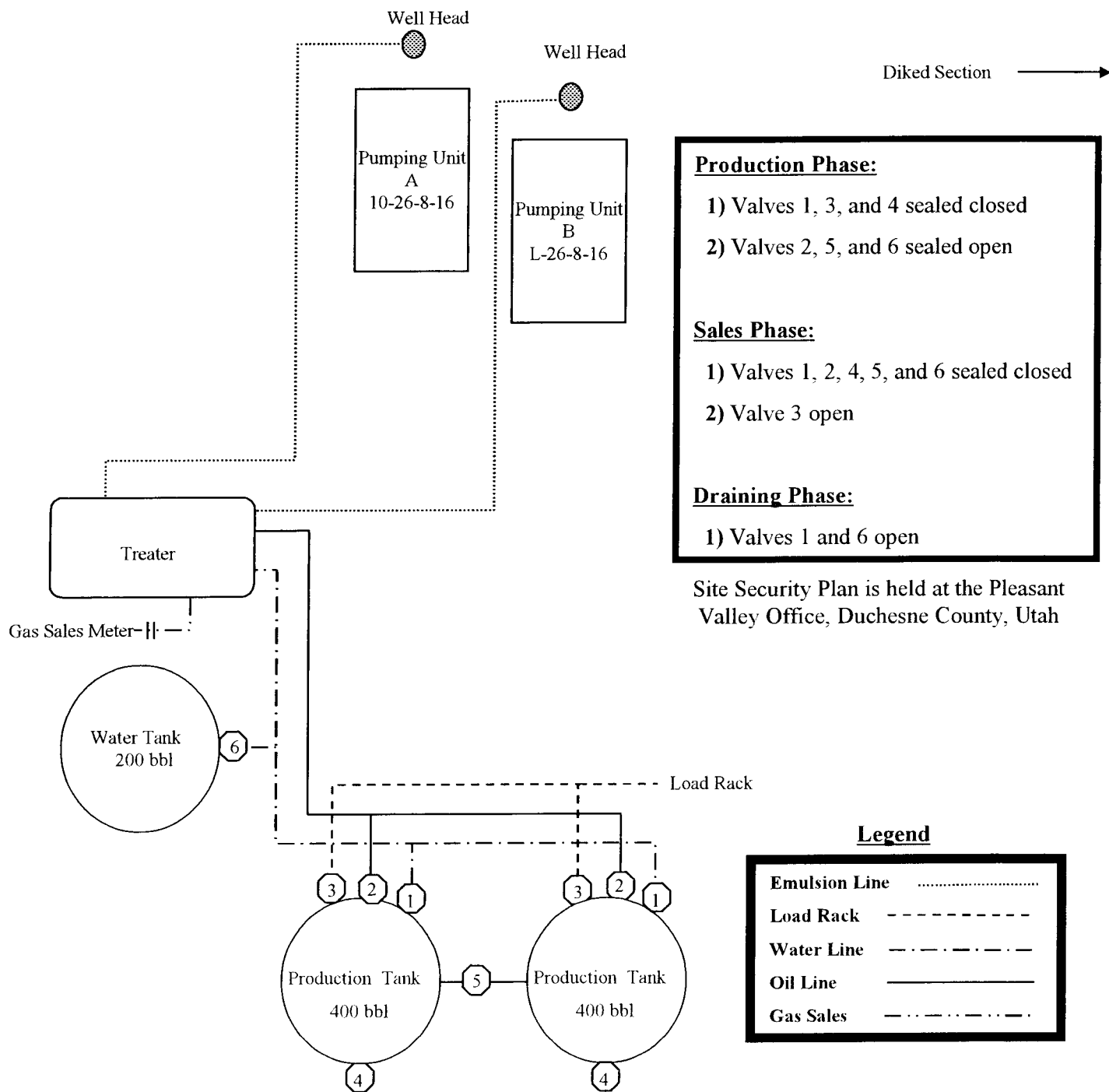
Hawkeye Federal L-26-8-16

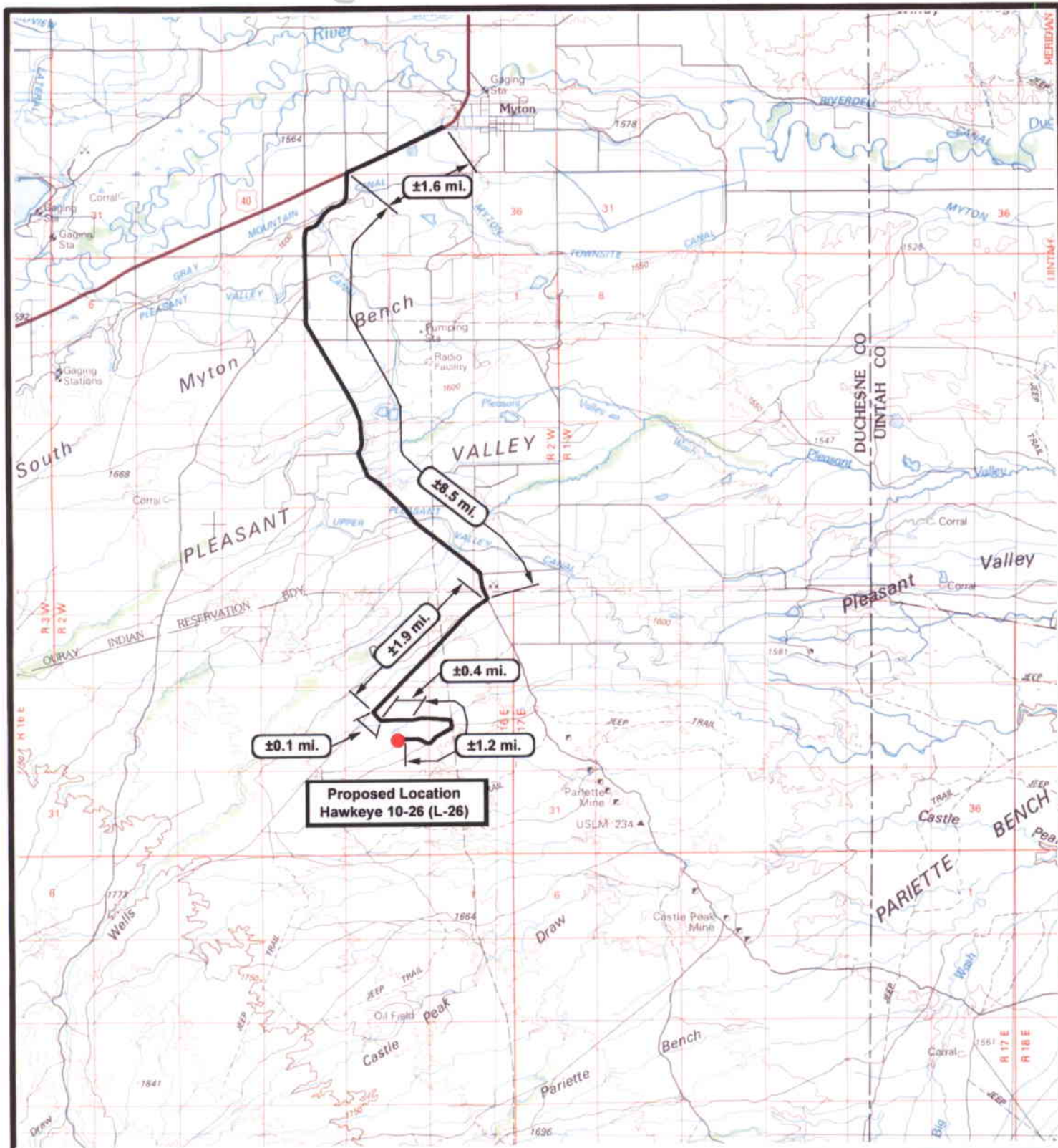
From the 10-26-8-16 Location

NW/SE Sec. 26 T8S, 16E

Duchesne County, Utah

UTU-73088





NEWFIELD
Exploration Company

Hawkeye 10-26-8-16 (L-26)
SEC. 26, T8S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

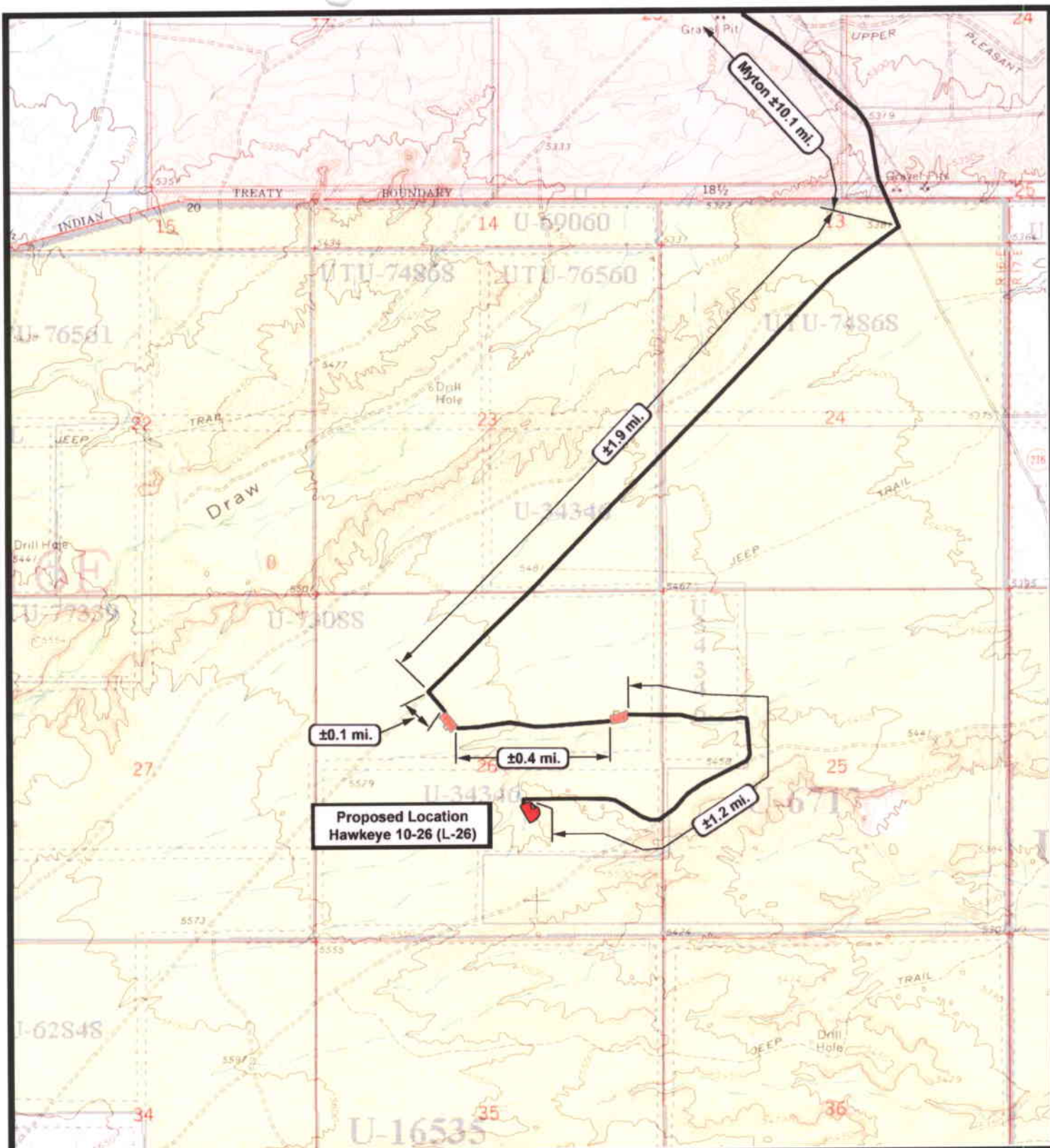
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 05-22-2006

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Hawkeye 10-26-8-16 (L-26)
SEC. 26, T8S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501

180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

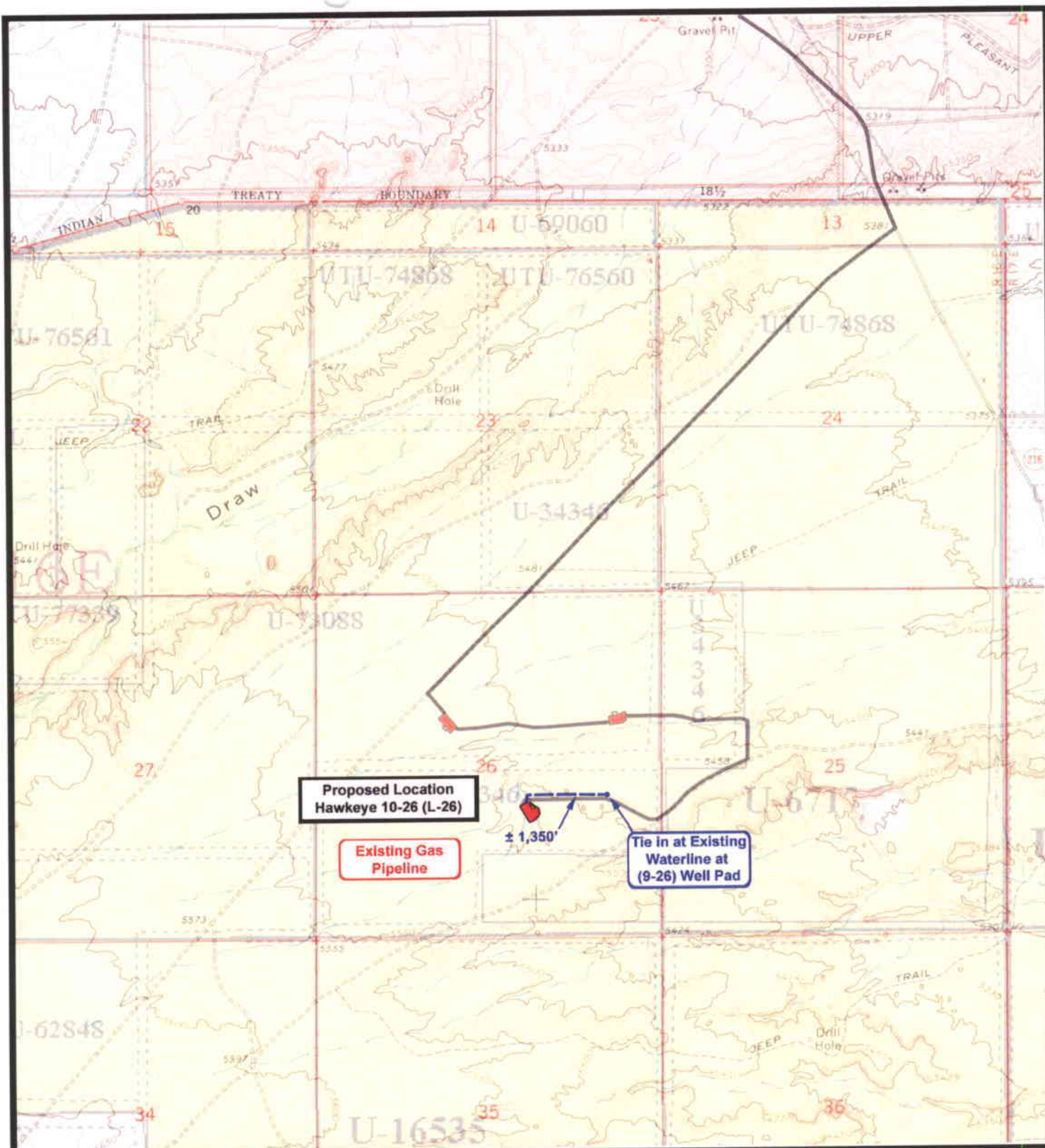
DATE: 05-22-2006

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Hawkeye 10-26-8-16 (L-26)
SEC. 26, T8S, R16E, S.L.B.&M.



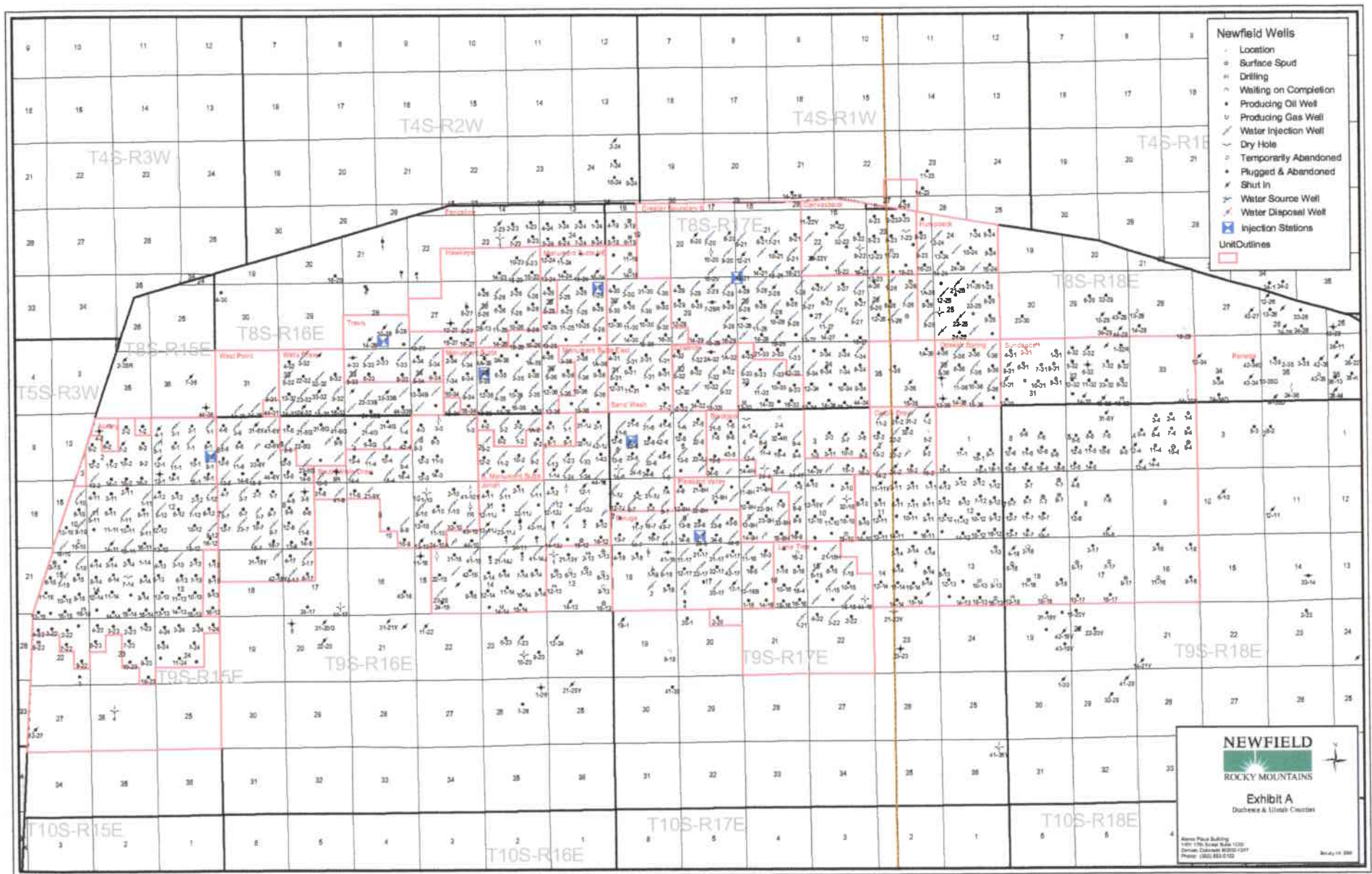
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

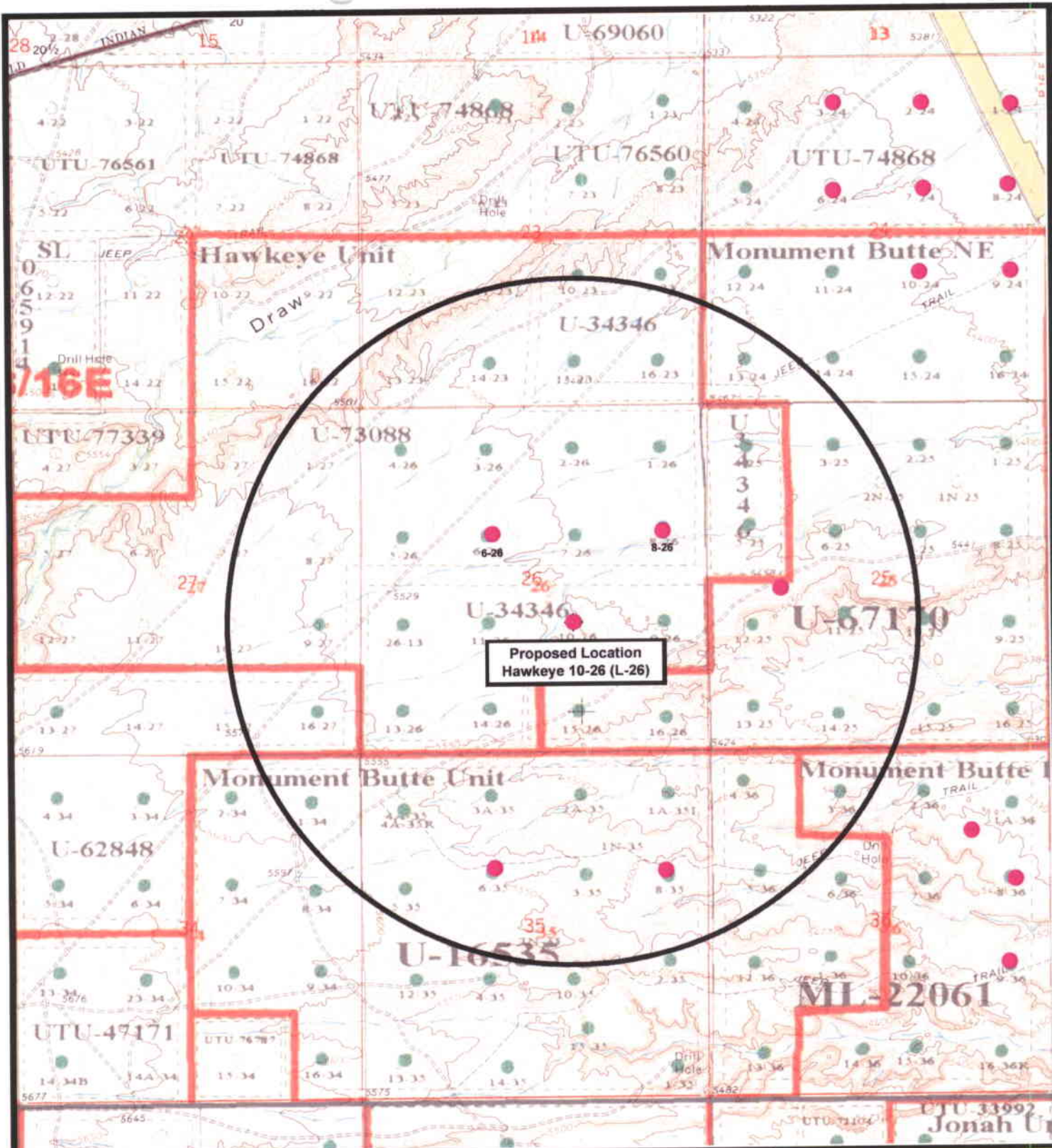
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-22-2006

Legend
— Roads
--- Proposed Water Line

TOPOGRAPHIC MAP

"C"





Proposed Location
Hawkeye 10-26 (L-26)



NEWFIELD
Exploration Company

Hawkeye 10-26-8-16 (L-26)
SEC. 26, T8S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-22-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

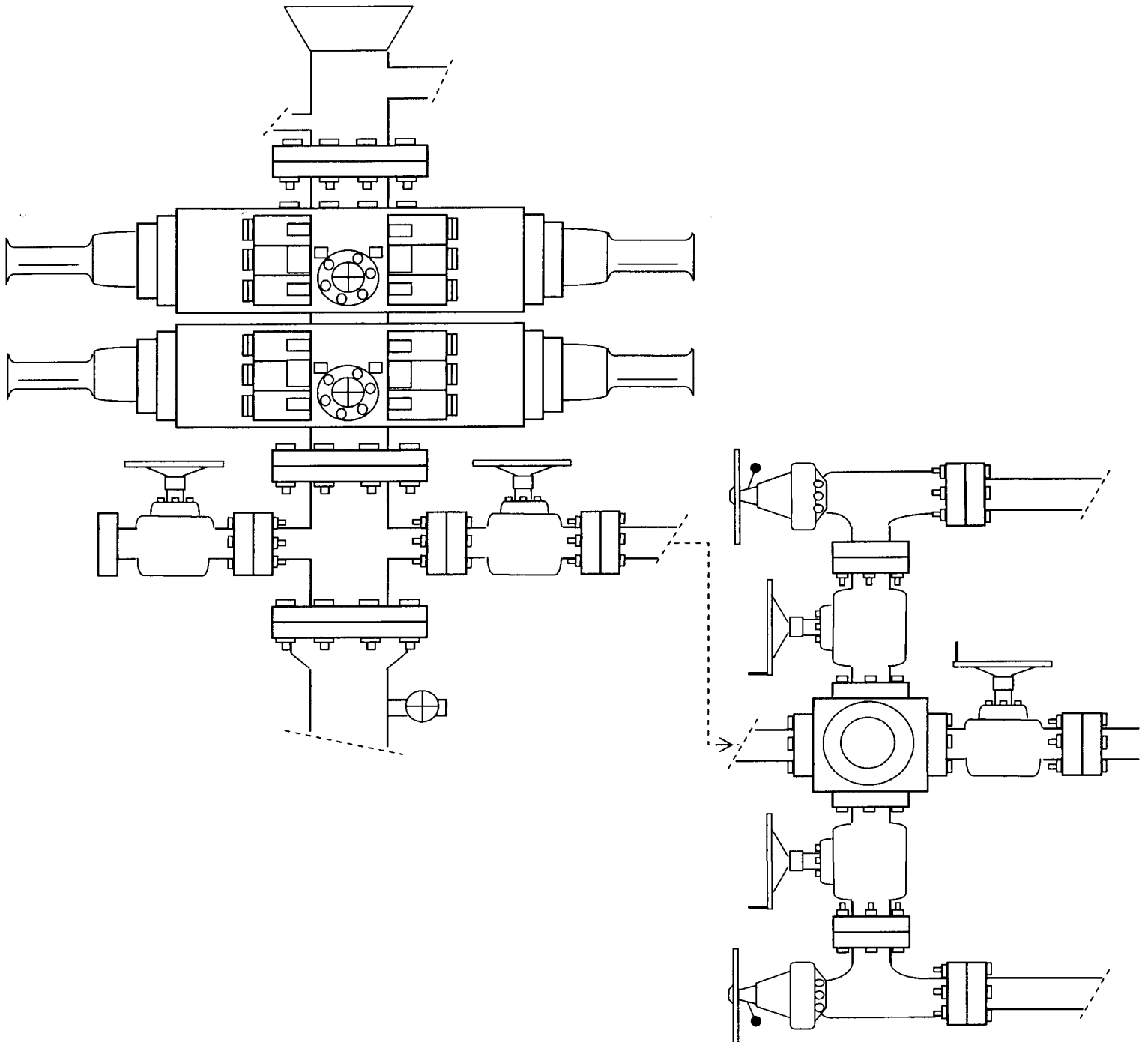


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/31/2006

API NO. ASSIGNED: 43-013-33263

WELL NAME: HAWKEYE FED L-26-8-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 26 080S 160E

SURFACE: 1968 FSL 2013 FEL

BOTTOM: 2638 FSL 1323 FEL

COUNTY: DUCHESNE

LATITUDE: 40.08701 LONGITUDE: -110.0836

UTM SURF EASTINGS: 578125 NORTHINGS: 4437607

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-34346

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

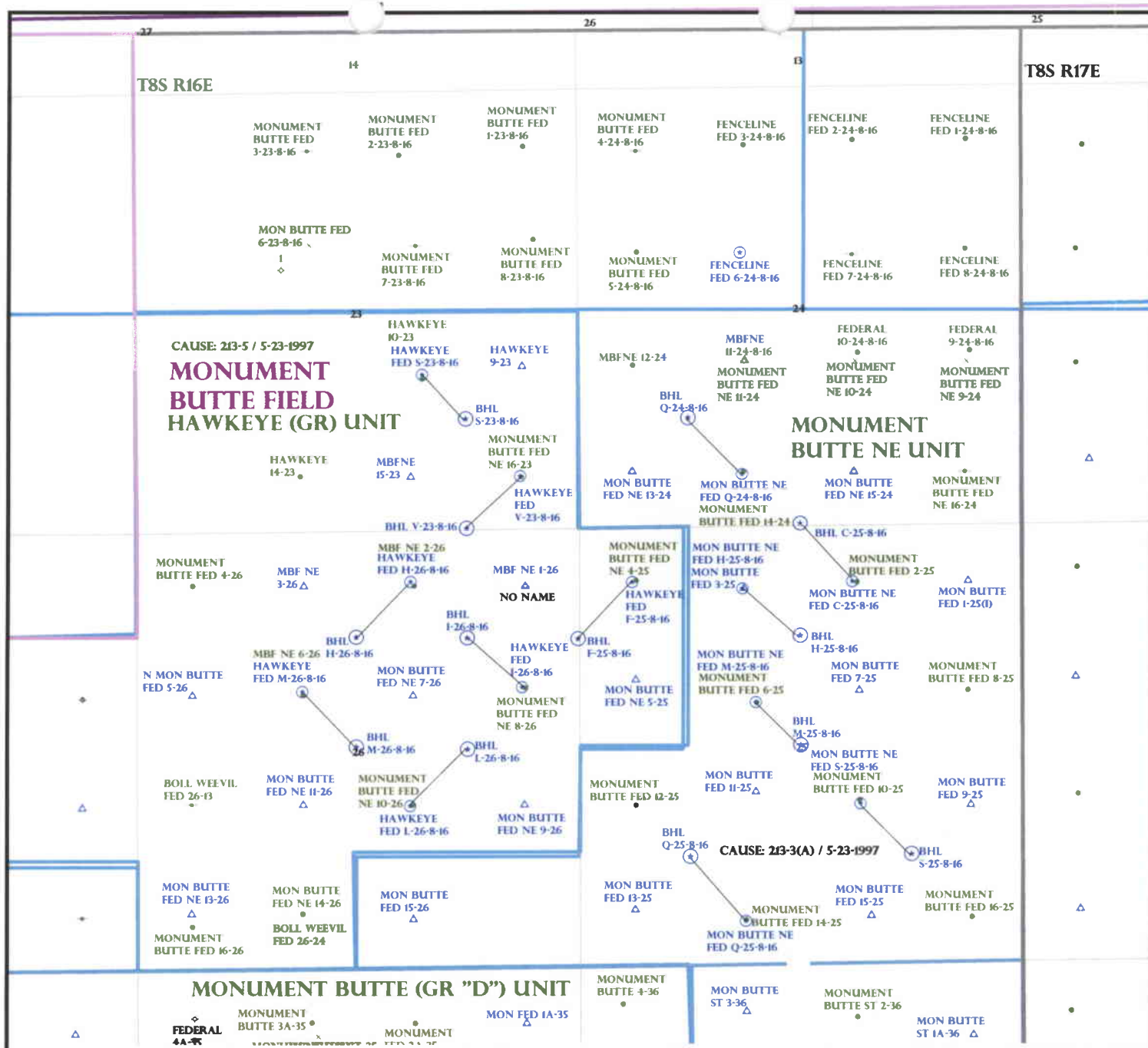
 R649-2-3.
Unit: HAWKEYE (GREEN RIVER)
 R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 213.5
Eff Date: 5-23-1997
Siting: Suspends General Siting
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 23,26 T.8S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 213-5 / 5-23-1997

Field Status

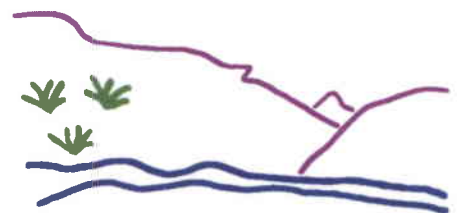
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 15-AUGUST-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 17, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Hawkeye Federal L-26-8-16 Well, Surface Location 1968' FSL, 2013' FEL,
NW SE, Sec. 26, T. 8 South, R. 16 East, Bottom Location 2638' FSL,
1323' FEL, NW SE, Sec. 26, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33263.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Hawkeye Federal L-26-8-16
API Number: 43-013-33263
Lease: UTU-34346

Surface Location: NW SE **Sec.** 26 **T.** 8 South **R.** 16 East
Bottom Location: NW SE **Sec.** 26 **T.** 8 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

JUL 31 2008

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

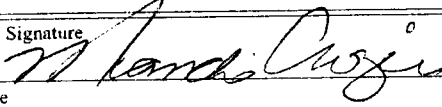
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004


1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-34346
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Hawkeye
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Hawkeye Federal L-26-8-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33263
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/SE 1968' FSL 2013' FEL At proposed prod. zone NE/SW 2638' FSL 1323' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 13.7 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 26, T8S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2' f/lse. 1318' f/unit	16. No. of Acres in lease 480.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1334'	13. State UT
19. Proposed Depth 6635'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5498' GL	22. Approximate date work will start* 4th Quarter 2006	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 7/25/06
Title Regulatory Specialist		

Approved by (Signature) 	Name (Printed/Typed) Terry Keucka	Date 3-8-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED

MAR 15 2007

DIV. OF OIL, GAS & MINING

ub06m

06 JM 0537A

Posted

From 07/31 to 08/31/06

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: NWSE, Sec. 26, T8S, R16E
surface, NESW, Sec. 26, T8S,
R16E downhole
Well No: Hawkeye Federal L-26-8-16 Lease No: UTU-34346
API No: 43-013-33263 Agreement: Hawkeye Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

Site Specific Conditions of Approval

- The proposed area contains Mountain Plover habitat. With this occurrence there will be a timing restriction of no use from May 15 – June 15.
- White-tailed prairie dog burrows (Burrowing Owl habitat) were found around the area of the drill site. With the occurrence of the prairie dog burrows (Burrowing Owl habitat) there will be a time restriction from April 1 – August 15.
- Lease Notices (field review and RMP):
- Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Comments:
- The proposed area contains Mountain Plover habitat.
- White-tailed prairie dog burrows (Burrowing Owl habitat) were found around the area of the drill site.
- If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

CONDITIONS OF APPROVAL:

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.

- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Paleontology: If, during operations, any paleontological resources as described in BLM H-8270 are discovered, all operations affecting such sites shall be immediately suspended. The appropriate AO of the managing BLM office shall be notified within 48 hrs of the discovery and a decision as to the preferred alternative/course of action will be rendered.
- The operator is responsible for informing all persons in the areas who are associated with this project of the requirements for protecting paleontological resources. Paleontological resources found on the public lands are recognized by the BLM as constituting a fragile and nonrenewable scientific record of the history of life on earth, and so represent an important and critical component of America's natural heritage. These resources are afforded protection under 43 CFR 3802 and 3809, and penalties possible for the collection of vertebrate fossils are under 43 CFR 8365.1-5. Operator will report all occurrences of paleontological resources discovered to the appropriate surface management AO with the Vernal Field Office of the BLM.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:
 - Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre
 - Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre
 - Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre
 - All pounds are in pure live seed.
 - Rates are set for drill seeding; double the rate if broadcasting.
 - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread , and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

General Surface COA

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A report will be prepared by a BLM permitted paleontologist and submitted to the AO at the completion of surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: Newfield Production Company

Well Name: Hawkeye Fed L-26-8-16

API No: 43-013-33263 Lease Type: Federal

Section 26 Township 08S Range 16E County Duchesne

Drilling Contractor NDSI Rig # NS#1

SPUDDED:

Date 6-4-07

Time 10:30 AM

How Dry

Drilling will Commence: _____

Reported by Alvin Nelson

Telephone # 435-823-7468

Date 6-5-07 Signed RM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84062

OPERATOR ACCT. NO. N2685

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16171	4301333024	FEDERAL 3-22-9-16	NENW	22	9S	16E	DUCHESNE	5/31/2007	6/14/07
WELL 1 COMMENTS: GRPV											
A	99999	16172	4301332913	ASHLEY FEDERAL 16-26-9-15	SESE	26	9S	15E	DUCHESNE	6/1/2007	6/14/07
GRPV											
B	99999	12187	4301333263	HE FEDERAL L-26-8-16	NWSE	26	8S	16E	DUCHESNE	6/4/2007	6/14/07
GRPV HAWKEYE BHL = NE SW											
A	99999	16173	4301333107	FEDERAL 8-20-9-16	SENE	20	9S	16E	DUCHESNE	6/5/2007	6/14/07
GRPV											
A	99999	16174	4301333106	FEDERAL 7-20-9-16	SWNE	20	9S	16E	DUCHESNE	6/6/2007	6/14/07
WELL 5 COMMENTS: GRPV											
WELL 5 COMMENTS: GRPV											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well entry)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

JUN 06 2007

DIV. OF OIL, GAS & MINING

Jenri Park
Signature
Jenri Park
Production Clerk
June 6 2007
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

HAWKEYE UNIT

8. Well Name and No.

HAWKEYE FEDERAL L-26-8-16

9. API Well No.

4301333263

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1968 FSL 2013 FEL

NWSE Section 26 T8S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/4/07 MIRU NDSI NS #1.Spud well @ 10:30am. Drill 310' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 314.89'On 6/5/07 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

RECEIVED

JUN 07 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

06/06/2007

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 314.89

LAST CASING 8 5/8" set @ 314.89
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL HE Federal L-26-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe 39.63'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	303.99
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			304.89
TOTAL LENGTH OF STRING		304.89	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			314.89
TOTAL		303.04	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		303.04	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	6/4/2007	10:30 AM	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		6/4/2007	4:30PM	Bbls CMT CIRC TO SURFACE		5	
BEGIN CIRC		6/5/2007	9:33 AM	RECIPROCATED PIPE FOR		NA	
BEGIN PUMP CMT		6/5/2007	9:44 AM				
BEGIN DSPL. CMT		6/5/2007	9:56 AM	BUMPED PLUG TO		120	
PLUG DOWN		6/5/2007	10:06 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Don Bastian DATE 6/5/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
HAWKEYE UNIT

8. Well Name and No.
HAWKEYE FEDERAL L-26-8-16

9. API Well No.
4301333263

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1968 FSL 2013 FEL
NWSE Section 26 T8S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 6/8/07 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 271'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,670'. Lay down drill string & BHA. We did not log well. PU & TIH with Guide shoe, shoe jt, float collar, 150 jt's of 5.5 J-55, 15.5# csgn. Set @ 6021' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 480 sks cement mixed @ 14.4 ppg & 1.24 yld. No cement returned to pit. Nipple down Bop's. Drop slips @78,000 #s tension. Release rig 5:30 AM 6/15/07

RECEIVED

JUN 19 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Alvin Nielsen

Signature

Alvin Nielsen

Title

Drilling Foreman

Date

06/16/2007

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

<p style="text-align: center;"><u>5 1/2"</u> CASING SET AT <u>6666.23</u></p> <p>LAST CASING <u>8 5/8"</u> SET / 314.89'</p> <p>DATUM <u>12' KB</u></p> <p>DATUM TO CUT OFF CASING <u>12'</u></p> <p>DATUM TO BRADENHEAD FLANGE _____</p> <p>TD DRILLER <u>6670' Loggers</u></p> <p>HOLE SIZE <u>7 7/8"</u></p>	<p>Flt cllr @ <u>6622.36</u></p> <p>OPERATOR <u>Newfield Production Company</u></p> <p>WELL <u>HE Federal L-26-8-16</u></p> <p>FIELD/PROSPECT <u>Monument Butte</u></p> <p>CONTRACTOR & RIG # <u>NDSI #2</u></p> <p>TVD= <u>6563</u></p>
---	--

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4174' (6.63')					
150	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6608.36
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	44.62
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6668.23
TOTAL LENGTH OF STRING		6668.23	151	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		311.12	7	CASING SET DEPTH			6666.23
TOTAL		6964.10	158	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6964.1	158				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		6/15/2007	6:30 PM	GOOD CIRC THRU JOB <u>YES</u>			
CSG. IN HOLE		6/15/2007	9:00 PM	Bbls CMT CIRC TO SURFACE <u>None</u>			
BEGIN CIRC		6/15/2007	9:00 PM	RECIPROCATED PIPE FOR <u>THRUSTROKE NA</u>			
BEGIN PUMP CMT		6/15/2007	11:07 PM	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT		6/16/2007	12:05 AM	BUMPED PLUG TO <u>2130</u> PSI			
PLUG DOWN		6/16/2007	12:34 AM				

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#’s /sk CSE + 2# sk/kolseal + 1/2#’s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.49 cf/sk yield
2	480	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Alvin Nielsen DATE 6/16/2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.
USA UTU-34346

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
HAWKEYE UNIT

8. Well Name and No.
HAWKEYE FEDERAL L-26-8-16

9. API Well No.
4301333263

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESENE, UT

SUBMIT IN TRIPLICATE TO THE DISTRICT OFFICE ON REVERSE SIDE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435 646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1968 FSL 2013 FEL
NWSE Section 26 T8S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Mandie Crozier

Signature

Mandie Crozier

Title

Regulatory Specialist

Date

07/20/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

JUL 23 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-34346

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1968 FSL 2013 FEL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 26, T8S, R16E STATE: UT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
HAWKEYE UNIT

8. WELL NAME and NUMBER:
HAWKEYE FEDERAL L-26-8-16

9. API NUMBER:
4301333263

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/07/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 07/19/07, attached is a daily completion status report.

RECEIVED

AUG 14 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 08/07/2007

(This space for State use only)

Daily Activity Report

Format For Sundry

HAWKEYE L-26-8-16**5/1/2007 To 9/30/2007****6/29/2007 Day: 1****Completion**

Rigless on 6/28/2007 - RU PSI Logging truck to 3M production head & run CBL W/ pressure. WLTD @ 6574' & cmt top @ 490'. Run Pulsed Neutron log W/ Gamma Ray/CCL f/ WLTD (6574') to 4500'. RD WLT & SIFN W/ 157 BWTR.

7/13/2007 Day: 2**Completion**

Rigless on 7/12/2007 - RU Lone Wolf WLT, crane & lubricator. RIH w/ 2- 6' Slick Guns & perforate BS sds @ 6454-60' & CP5 sds @ 6420-26' w/ 4 spf for total of 48 shots. RU BJ Services "Ram Head" frac flange & frac stage #1 down casing w/ 50,822 #'s of 20/40 sand in 511 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3956 psi. Treated @ ave pressure of 2499 @ ave rate of 29.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2460. 511 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ Weatherford 5-1/2" solid composite frac plug (6K) & 8' & 12' perf guns. Set plug @ 6370'. Perforate CP3 sds @ 6280-88' & CP2 sds @ 6224-36' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 80 shots. SIFN.

7/16/2007 Day: 3**Completion**

Rigless on 7/15/2007 - RU BJ & frac stage #2 w/ 49,244#'s of 20/40 sand in 511 bbls of Lightning 17 frac fluid. Open well w/ 1303 psi on casing. Perfs broke down @ 3709 psi. Treated @ ave pressure of 2499 @ ave rate of 29.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2460. 511 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 16' perf gun. Set plug @ 5630' (in 3 runs due to miss fire). Perforate B1 sds @ 5510-26' w/ 4 spf for total of 64 shots. RU BJ & frac stage #3 w/ 69,501#'s of 20/40 sand in 611 bbls of Lightning 17 frac fluid. Open well w/ 1720 psi on casing. Perfs broke down @ 3383 psi. Treated @ ave pressure of 2737 @ ave rate of 26.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3052. 1768 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 20', 9' perf guns. Set plug @ 5460'. Perforate C sds 5358-78', D3 sds @ 5315-24' w/ 4 spf for total of 116 shots. RU BJ & frac stage #4 w/ 39,606#'s of 20/40 sand in 422 bbls of Lightning 17 frac fluid. Open well w/ 337 psi on casing. Perfs broke down @ 3698 psi. Treated @ ave pressure of 1998 @ ave rate of 24.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2067. 2190 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 20' perf guns. Set plug @ 5265'. Perforate D1 sds 5186-5106' w/ 4 spf for total of 80 shots. RU BJ & frac stage #5 w/ 59,495#'s of 20/40 sand in 524 bbls of Lightning 17 frac fluid. Open well w/ 495 psi on casing. Perfs broke down @ 2966 psi. Treated @ ave pressure of 2047 @ ave rate of 24.5 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2352. 2714 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 13' perf guns. Set plug @ 5060'. Perforate PB11 sds 4944-57' w/ 4 spf for total of 52 shots. RU BJ & frac stage #6 w/ 46,754#'s of 20/40 sand in 449 bbls of Lightning 17 frac fluid. Open well w/ 1867 psi on casing. Perfs broke down @ 2615 psi. Treated @ ave pressure of 2314 @ ave rate of 24.6 bpm w/ 8 ppg of sand. ISIP was 2342. 3163 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died flowing water w/ 210 bbls rec'd. SIFN.

7/17/2007 Day: 4**Completion**

Western #4 on 7/16/2007 - 1500 psi on well. Flowed back well for 45 mins, Rec 80 BW. Pressure drop to 1250 psi. Shut in well. RU Perforators LLC WLT, Crane & lubicator. RIH w/ 5 1/2" weatherford solid kill plug. Tagged sand @ 4881'. Set plug @ 4850'. Bleed off pressure. RD WL. MIRU Western #4. ND Cameron BOP & 5M WH. NU 3M WH & Shaffer BOP. Talley, PU & RIH w/ 4 3/4" chomp bit, bit sub & 129- jts of 2 7/8" J-55 tbg. EOT @ 4005'. SIFN w/ 2873 BWTR.

7/18/2007 Day: 5**Completion**

Western #4 on 7/17/2007 - Con't talley, drift, PU & TIH W/ 4 3/4" "Chomp" bit & new 2 7/8 8rd 6.5# J-55 tbg f/ 4005'. Tag kill plug @ 4850'. RU power swivel. Circ hole W/ clean wtr. Drill out plug in 22 minutes. Circulate bubble out. Con't C/O sd & drill out plugs as follows (using conventional circulation): no sd, plug @ 5060' in 15 minutes; sd @ 5180', plug @ 5265' in 17 minutes; sd @ 5378', plug @ 5460' in 17 minutes; no sd, plug @ 5630' in 13 minutes; sd @ 6233', plug @ 6370' in 17 minutes. Con't swivelling jts in hole. Tag fill @ 6490'. Drill plug remains & sd to PBTD @ 6620'. Circ hole clean. Gained est 1000 BTF during cleanout (120 BO transferred to prod tk). RD swivel. Pull EOT to 6500'. Flow well to pit for 1 hr (recovering est 2 BPM-- 120 BTF). Turning to oil & gas. Tie tbg into flowline W/ adjustable choke. Open through treater on 30/64" choke @ 5:30 PM W/ 140 psi SICP. Est 1873 BWTR.

7/19/2007 Day: 6**Completion**

Western #4 on 7/18/2007 - Last 12 hours well flowed 340 BW & 210 BO. Bleed well down to production tks. RU & circ well W/ 160 bbls 10# brine wtr. Recovered est 100 BW & 35 BO to prod tks. Pump 30 bbls brine dn tbg to balance. Well fairly stable. TIH W/ tbg. Tag PBTD @ 6620' (no new fill). LD excess tbg. TOH W/ tbg--LD bit. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 2 jts tbg, new Weatherford Type "T" TA (40K shear--RH set & auto release) & 206 jts 2 7/8 8rd 6.5# J-55 tbg. Well flowing fairly strong (rec est 75 BW to pit on trip). RU & circ hole W/ fresh 10# brine wtr. Lost est 25 bbls brine. ND BOP. Set TA @ 6384' W/ SN @ 6446' & EOT @ 6508'. Land tbg W/ 16,000# tension. NU wellhead. RU & pump 60 bbls 10# brine dn tbg (returned to pit). PU & TIH W/ pump and "A" grade rod string to 3575'. PU polished rod & SIFN. Est 1543 BWTR.

7/20/2007 Day: 7**Completion**

Western #4 on 7/19/2007 - Open casing to production tks & let flow. RU & pump 20 bbls 10# brine down tbg. LD polished rod. Con't PU & TIH W/ pump and "A" grade rod string f/ 3575' (complete as follows): new CDI 2 1/2" X 1 3/4" X 20' RHAC pump, 4-1 1/2" weight rods, 252-7/8" scraped rods (78 grade W/ 8 scrapers per rod) and 1 1/2" X 26' polished rod. Seat pump & RU pumping unit. W/ tbg full, pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1543 BWTR. Place well on production @ 10:00 AM 7/19/2007 W/ 123" SL @ 4 SPM. FINAL REPORT!!

Pertinent Files: Go to File List

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. <p align="center">UTU-34346</p>	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME <p align="center">NA</p>	
2. NAME OF OPERATOR <p align="center">Newfield Exploration Company</p>						7. UNIT AGREEMENT NAME <p align="center">Hawkeye Federal</p>	
3. ADDRESS AND TELEPHONE NO. <p align="center">1401 17th St. Suite 1000 Denver, CO 80202</p>						8. FARM OR LEASE NAME, WELL NO. <p align="center">Hawkeye Federal L-26-8-16</p>	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *) At Surface 1968' FSL & 2013' FEL (NW/SE) Sec. 26, T8S, R16E At top prod. Interval reported below						9. WELL NO. <p align="center">43-013-33263</p>	
14. API NO. DATE ISSUED 43-013-33263 08/17/06						10. FIELD AND POOL OR WILDCAT <p align="center">Monument Butte</p>	
15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 06/04/07 06/14/07 07/19/07						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <p align="center">Sec. 26, T8S, R16E</p>	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <p align="center">5498' GL 5510' KB </p>						12. COUNTY OR PARISH 13. STATE <p align="center">Duchesne UT</p>	
20. TOTAL DEPTH, MD & TVD <p align="center">6659' 6510'</p>		21. PLUG BACK T.D., MD & TVD <p align="center">6620' 6505'</p>		22. IF MULTIPLE COMPL., HOW MANY* <p align="center">-----></p>		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS <p align="center">X</p>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <p align="center">Green River 4944'-6460'</p>						19. ELEV. CASINGHEAD <p align="center">5510' KB</p>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <p align="center">TCPPN Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log</p>						25. WAS DIRECTIONAL SURVEY MADE <p align="center">No Yes</p>	
27. WAS WELL CORED <p align="center">No</p>							

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	315'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6666'	7-7/8"	350 sx Premlite II and 480 sx 50/50 Poz	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6508'	TA @ 6384'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(BS, CP5) 6454'-60', 6420'-6426'	.49"	4/48	6420'-6460'	Frac w/ 50,822# 20/40 sand in 511 bbls fluid
(CP3, 2) 6280'-6288', 6224'-6236'	.43"	4/80	6224'-6288'	Frac w/ 49,244# 20/40 sand in 511 bbls fluid
(B1) 5510'-5526'	.43"	4/64	5510'-5526'	Frac w/ 69,5013 20/40 sand in 611 bbls fluid
(C, D3) 5358'-5378', 5315'-5324'	.43"	4/116	5315'-5378'	Frac w/ 39,606# 20/40 sand in 422 bbls fluid
(D1) 5186'-5106'	.43"	4/80	5186'-5206'	Frac w/ 59,495# 20/40 sand in 524 bbls fluid
(PB11) 4944'-4957'	.43"	4/52	4944'-4957'	Frac w/ 49,754# 20/40 sand in 449 bbls fluid

33.* PRODUCTION							
DATE FIRST PRODUCTION 07/19/07		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 20' RHAC SM Plunger Pump				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBLs. 113	GAS--MCF. 0	WATER--BBL. 111	GAS-OIL RATIO 0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <p align="center">Sold & Used for Fuel</p>						TEST WITNESSED BY <p align="center">RECEIVED</p>	
---	--	--	--	--	--	--	--

35. LIST OF ATTACHMENTS					
-------------------------	--	--	--	--	--

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u><i>Jerry Park</i></u>		TITLE <u>Production Clerk</u>		DATE <u>8/10/2007</u>	
Jerry Park				DIV. OF OIL, GAS & MIN.	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Hawkeye Federal L-26-8-16		Garden Gulch Mkr	4500'	
					Garden Gulch 1	4753'	
					Garden Gulch 2	4996'	
					Point 3 Mkr	5032'	
					X Mkr	5152'	
					Y-Mkr	5418'	
					Douglas Creek Mkr	5562'	
					BiCarbonate Mkr	6086'	
					B Limestone Mkr	6488'	
					Castle Peak	6570'	
					Basal Carbonate		
					Total Depth (LOGGERS)		



**Scientific
Drilling**

Directional Survey Certification

7327 West Barton Road
Casper, WY 82604
(307)-472-6621 Fax (307) 472-5439

RE: _____	Newfield Exploration Co.	Operator
_____	Hawkeye L-26-8-16	Well Name & No.
_____	Duchesne County, UT	County & State
_____	42DEF0706478	SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 365 feet to a measured depth of 6659 feet is true and correct as determined from all available records.

Julie Cruse

Signature

Rockies Region Engineer

Title

Scientific Drilling International

Company

State of : Wyoming }

ss

County of : Natrona }

On this 14th day of August, 2007, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

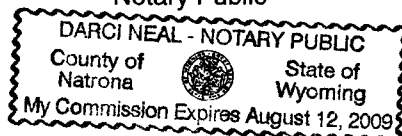
Seal

Darci Neal

Notary Public

Aug 12, 2009

My Commission Expires

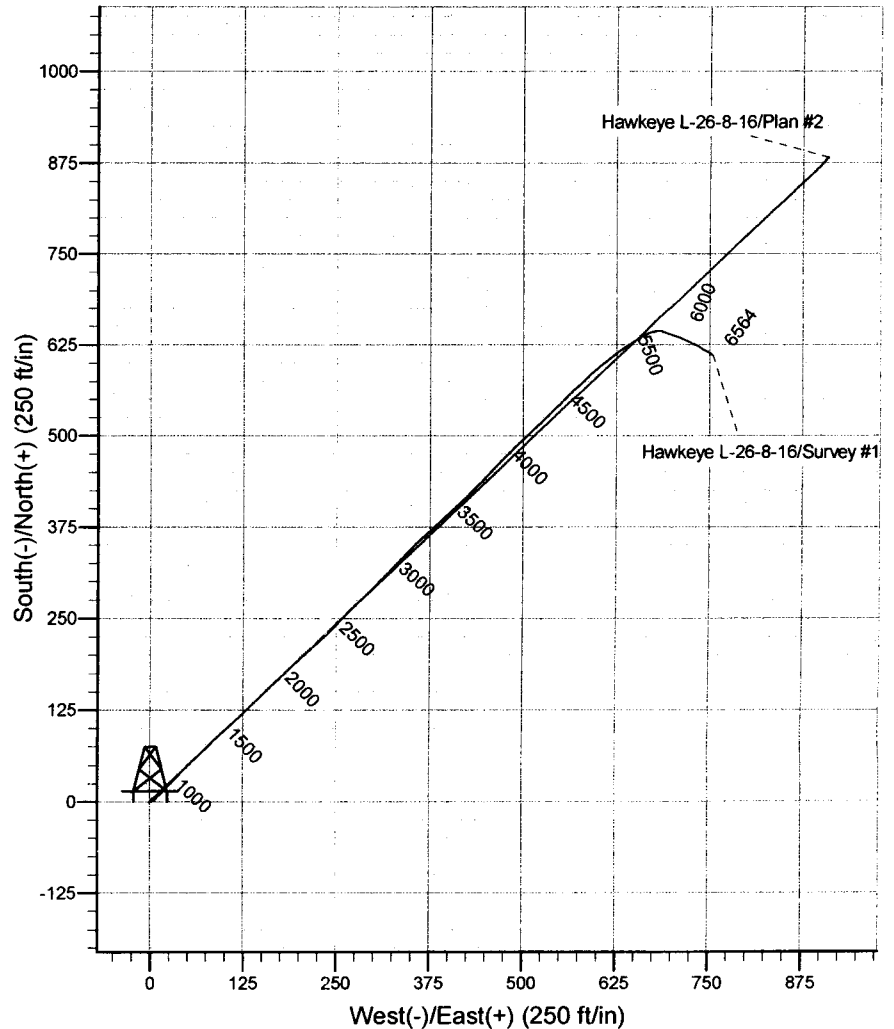
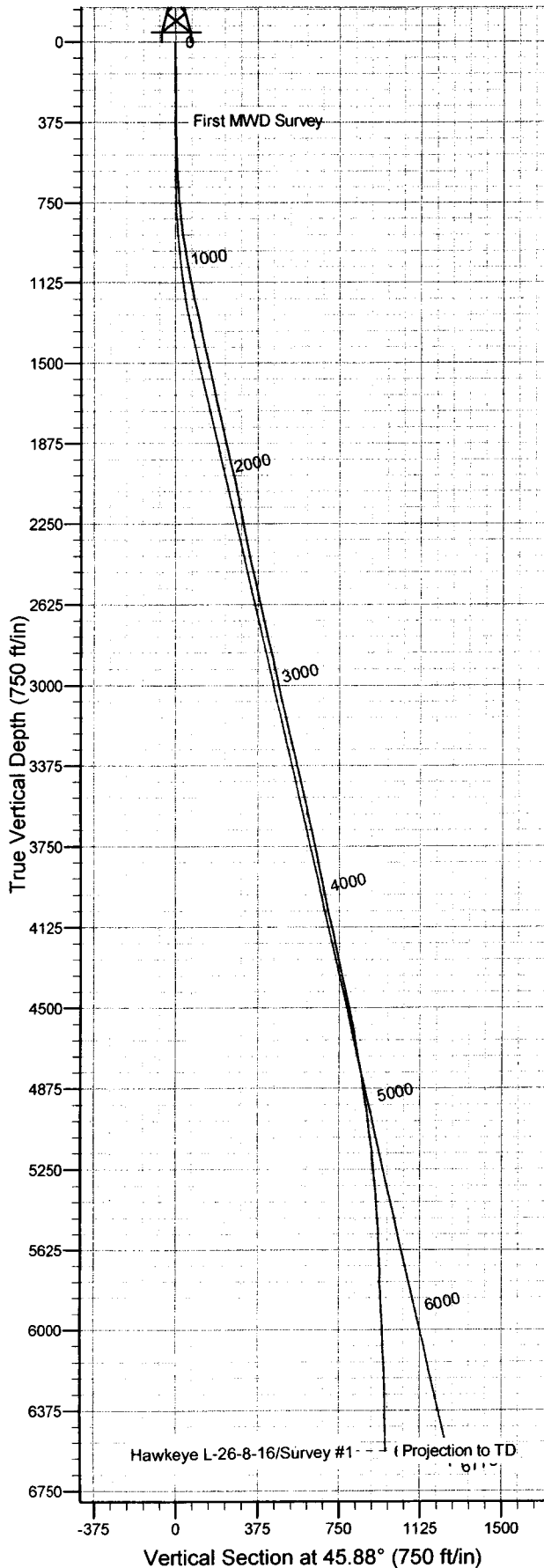




Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: Hawkeye L-26-8-16
Well: Hawkeye L-26-8-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: Hawkeye L-26-8-16

Ground Level: GL 5498' & RK B12' @ 5510.00ft	
+N/-S	+E/-W
0.00	0.00
7203593.61	2036459.32
40° 5' 13.510 N	110° 5' 3.880 W

REFERENCE INFORMATION

Co-ordinate (NE) Reference: Well Hawkeye L-26-8-16, True North
Vertical (TVD) Reference: GL 5498' & RK B12' @ 5510.00ft
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: GL 5498' & RK B12' @ 5510.00ft
Calculation Method: Minimum Curvature
Local North: True
Location: Sec. 26 T8S R16E

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

Survey: Survey #1 (Hawkeye L-26-8-16/OH)

Created By: Julie Cruse Date: 2007-08-13

Newfield Exploration Co.

Duchesne County, UT

Hawkeye L-26-8-16

Hawkeye L-26-8-16

OH

Survey: Survey #1

Standard Survey Report

13 August, 2007

Scientific Drilling

Survey Report

Company:	Newfield Exploration Co.	Local Co-ordinate Reference:	Well Hawkeye L-26-8-16
Project:	Duchesne County, UT	TVD Reference:	GL 5498' & RK B12' @ 5510.00ft
Site:	Hawkeye L-26-8-16	MD Reference:	GL 5498' & RK B12' @ 5510.00ft
Well:	Hawkeye L-26-8-16	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	MultiUserEDM

Project	Duchesne County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Hawkeye L-26-8-16, Sec. 26 T8S R16E

Site Position:		Northing:	7,203,593.61 ft	Latitude:	40° 5' 13.510 N
From:	Lat/Long	Easting:	2,036,459.32 ft	Longitude:	110° 5' 3.880 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.000 in	Grid Convergence:	0.91 °

Well Hawkeye L-26-8-16, SHL: 1968' FSL, 2013' FEL

Well Position	+N/-S	0.00 ft	Northing:	7,203,593.61 ft	Latitude:	40° 5' 13.510 N
	+E/-W	0.00 ft	Easting:	2,036,459.32 ft	Longitude:	110° 5' 3.880 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,498.00 ft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2007-06-08	11.83	65.93	52,708

Design OH

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:
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Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	45.88

Survey Program Date 2007-08-13

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
365.00	6,659.00	Survey #1 (OH)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
365.00	0.84	80.11	364.99	0.46	2.64	2.21	0.23	0.23	0.00
396.00	0.97	81.87	395.98	0.54	3.12	2.61	0.43	0.42	5.68
427.00	1.05	66.05	426.98	0.69	3.64	3.09	0.93	0.26	-51.03
457.00	1.34	64.98	456.97	0.95	4.21	3.68	0.97	0.97	-3.57
488.00	1.66	55.34	487.96	1.36	4.91	4.47	1.31	1.03	-31.10
519.00	1.89	51.15	518.95	1.93	5.67	5.42	0.85	0.74	-13.52
550.00	2.09	46.09	549.93	2.65	6.48	6.49	0.86	0.65	-16.32
580.00	2.90	46.90	579.90	3.54	7.43	7.80	2.70	2.70	2.70
611.00	3.37	42.94	610.85	4.75	8.62	9.49	1.67	1.52	-12.77
642.00	3.73	41.11	641.79	6.17	9.90	11.41	1.22	1.16	-5.90
672.00	3.71	42.53	671.73	7.62	11.20	13.35	0.31	-0.07	4.73
703.00	4.18	42.21	702.66	9.20	12.64	15.48	1.52	1.52	-1.03

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Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well Hawkeye L-26-8-16
TVD Reference: GL 5498' & RK B12' @ 5510.00ft
MD Reference: GL 5498' & RK B12' @ 5510.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: MultiUserEDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
734.00	5.28	42.57	733.55	11.09	14.36	18.03	3.55	3.55	1.16
765.00	5.84	41.30	764.40	13.32	16.37	21.02	1.85	1.81	-4.10
795.00	6.43	42.81	794.23	15.70	18.52	24.22	2.04	1.97	5.03
826.00	6.90	41.65	825.02	18.37	20.93	27.81	1.58	1.52	-3.74
857.00	7.19	42.92	855.79	21.18	23.49	31.61	1.06	0.94	4.10
888.00	7.75	43.92	886.53	24.10	26.26	35.63	1.85	1.81	3.23
920.00	8.09	44.24	918.22	27.27	29.33	40.04	1.07	1.06	1.00
951.00	8.49	44.46	948.90	30.47	32.46	44.51	1.29	1.29	0.71
982.00	8.83	44.25	979.54	33.81	35.72	49.18	1.10	1.10	-0.68
1,014.00	9.33	42.15	1,011.14	37.49	39.17	54.22	1.87	1.56	-6.56
1,044.00	9.64	42.67	1,040.73	41.14	42.51	59.15	1.07	1.03	1.73
1,076.00	9.93	44.61	1,072.27	45.07	46.26	64.59	1.37	0.91	6.06
1,108.00	10.32	45.71	1,103.77	49.04	50.25	70.21	1.36	1.22	3.44
1,139.00	10.77	45.85	1,134.24	52.99	54.32	75.89	1.45	1.45	0.45
1,168.00	11.24	46.16	1,162.71	56.84	58.30	81.42	1.63	1.62	1.07
1,200.00	11.62	46.28	1,194.08	61.23	62.88	87.76	1.19	1.19	0.37
1,231.00	11.71	46.08	1,224.44	65.57	67.40	94.03	0.32	0.29	-0.65
1,325.00	11.79	46.28	1,316.47	78.82	81.21	113.17	0.10	0.09	0.21
1,419.00	12.08	46.50	1,408.43	92.23	95.29	132.61	0.31	0.31	0.23
1,511.00	12.08	46.49	1,498.40	105.48	109.25	151.86	0.00	0.00	-0.01
1,602.00	12.02	46.03	1,587.39	118.62	122.98	170.86	0.12	-0.07	-0.51
1,695.00	12.13	45.53	1,678.33	132.19	136.92	190.32	0.16	0.12	-0.54
1,789.00	12.26	45.04	1,770.21	146.16	151.03	210.17	0.18	0.14	-0.52
1,883.00	12.53	43.92	1,862.02	160.55	165.17	230.34	0.38	0.29	-1.19
1,977.00	12.57	46.36	1,953.78	174.96	179.64	250.76	0.57	0.04	2.60
2,072.00	12.02	48.04	2,046.60	188.71	194.48	270.98	0.69	-0.58	1.77
2,167.00	11.13	48.56	2,139.66	201.39	208.71	290.03	0.94	-0.94	0.55
2,260.00	10.92	46.28	2,230.95	213.42	221.80	307.80	0.52	-0.23	-2.45
2,353.00	10.98	44.50	2,322.26	225.82	234.38	325.46	0.37	0.06	-1.91
2,446.00	10.55	43.41	2,413.62	238.32	246.44	342.83	0.51	-0.46	-1.17
2,541.00	12.21	44.53	2,506.75	251.80	259.46	361.56	1.76	1.75	1.18
2,634.00	12.92	44.91	2,597.52	266.18	273.70	381.79	0.77	0.76	0.41
2,726.00	12.79	45.55	2,687.21	280.59	288.23	402.25	0.21	-0.14	0.70
2,820.00	13.16	43.65	2,778.81	295.62	303.04	423.35	0.60	0.39	-2.02
2,913.00	12.51	44.29	2,869.49	310.49	317.38	444.00	0.72	-0.70	0.69
3,006.00	11.72	43.66	2,960.42	324.54	330.94	463.50	0.86	-0.85	-0.68
3,099.00	11.53	41.86	3,051.51	338.29	343.66	482.21	0.44	-0.20	-1.94
3,188.00	12.80	44.93	3,138.51	351.90	356.56	500.95	1.60	1.43	3.45
3,280.00	13.58	47.11	3,228.08	366.46	371.67	521.93	1.01	0.85	2.37
3,374.00	13.24	46.94	3,319.52	381.33	387.62	543.73	0.36	-0.36	-0.18
3,466.00	12.58	46.40	3,409.20	395.43	402.57	564.28	0.73	-0.72	-0.59
3,560.00	11.64	45.01	3,501.10	409.19	416.69	584.00	1.05	-1.00	-1.48
3,654.00	12.93	44.23	3,592.95	423.43	430.74	604.00	1.38	1.37	-0.83
3,748.00	12.31	44.19	3,684.68	438.15	445.06	624.53	0.66	-0.66	-0.04
3,841.00	11.87	43.47	3,775.61	452.20	458.55	643.99	0.50	-0.47	-0.77
3,935.00	11.27	43.29	3,867.70	465.91	471.50	662.83	0.64	-0.64	-0.19
4,030.00	11.78	44.08	3,960.79	479.63	484.61	681.79	0.56	0.54	0.83
4,123.00	11.92	47.31	4,051.81	492.96	498.27	700.88	0.73	0.15	3.47
4,216.00	12.35	45.99	4,142.73	506.38	512.49	720.43	0.55	0.46	-1.42
4,310.00	12.09	44.41	4,234.60	520.40	526.60	740.32	0.45	-0.28	-1.68
4,404.00	12.44	44.37	4,326.45	534.67	540.57	760.28	0.37	0.37	-0.04
4,497.00	12.38	45.68	4,417.28	548.79	554.71	780.27	0.31	-0.06	1.41
4,591.00	11.66	44.62	4,509.22	562.60	568.59	799.84	0.80	-0.77	-1.13
4,694.00	10.24	45.33	4,610.34	576.44	582.41	819.40	1.38	-1.38	0.69

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Design: OH

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MD Reference: GL 5498' & RK B12' @ 5510.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: MultiUserEDM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,788.00	9.72	47.48	4,702.92	587.68	594.20	835.69	0.68	-0.55	2.29
4,882.00	9.01	49.92	4,795.67	597.78	605.69	850.96	0.87	-0.76	2.60
4,977.00	8.24	51.58	4,889.59	606.80	616.71	865.16	0.85	-0.81	1.75
5,070.00	7.76	53.21	4,981.89	614.70	626.96	878.02	0.57	-0.52	1.75
5,164.00	7.12	54.83	5,074.89	621.86	636.80	890.07	0.72	-0.68	1.72
5,256.00	6.63	55.60	5,166.23	628.14	645.85	900.93	0.54	-0.53	0.84
5,349.00	5.73	57.67	5,258.69	633.66	654.20	910.77	1.00	-0.97	2.23
5,441.00	4.70	62.86	5,350.31	637.84	661.44	918.87	1.23	-1.12	5.64
5,534.00	4.20	67.38	5,443.03	640.88	667.97	925.68	0.66	-0.54	4.86
5,628.00	3.13	73.15	5,536.84	642.95	673.60	931.17	1.20	-1.14	6.14
5,721.00	2.49	81.25	5,629.72	643.99	678.03	935.07	0.81	-0.69	8.71
5,815.00	3.34	99.38	5,723.60	643.86	682.75	938.37	1.32	0.90	19.29
5,909.00	5.43	106.76	5,817.32	642.13	689.71	942.16	2.30	2.22	7.85
6,003.00	6.81	109.64	5,910.79	638.97	699.22	946.79	1.50	1.47	3.06
6,097.00	6.39	110.72	6,004.16	635.25	709.36	951.48	0.47	-0.45	1.15
6,191.00	5.82	114.16	6,097.63	631.45	718.60	955.47	0.72	-0.61	3.66
6,284.00	5.40	117.07	6,190.18	627.53	726.80	958.62	0.55	-0.45	3.13
6,379.00	5.05	120.53	6,284.79	623.37	734.38	961.17	0.50	-0.37	3.64
6,474.00	4.72	121.39	6,379.44	619.21	741.32	963.25	0.36	-0.35	0.91
6,569.00	4.33	124.03	6,474.15	615.17	747.63	964.97	0.47	-0.41	2.78
6,611.00	4.12	126.50	6,516.03	613.38	750.16	965.54	0.66	-0.50	5.88
6,659.00	4.12	126.50	6,563.91	611.33	752.93	966.10	0.00	0.00	0.00

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Old H L-26-8-16 BHL	0.00	0.00	6,635.00	670.00	690.00	7,204,274.44	2,037,138.63	40° 5' 20.132 N	110° 4' 55.001 W
- survey misses by 111.61ft at 6659.00ft MD (6563.91 TVD, 611.33 N, 752.93 E)									
- Point									
Hawkeye L-26-8-16 Tarç	0.00	0.00	5,300.00	672.00	693.00	7,204,276.49	2,037,141.60	40° 5' 20.151 N	110° 4' 54.963 W
- survey misses by 50.49ft at 5394.93ft MD (5304.41 TVD, 635.93 N, 657.94 E)									
- Circle (radius 75.00)									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
365.00	364.99	0.46	2.64	First MWD Survey
6,659.00	6,563.91	611.33	752.93	Projection to TD

Checked By: _____ Approved By: _____ Date: _____